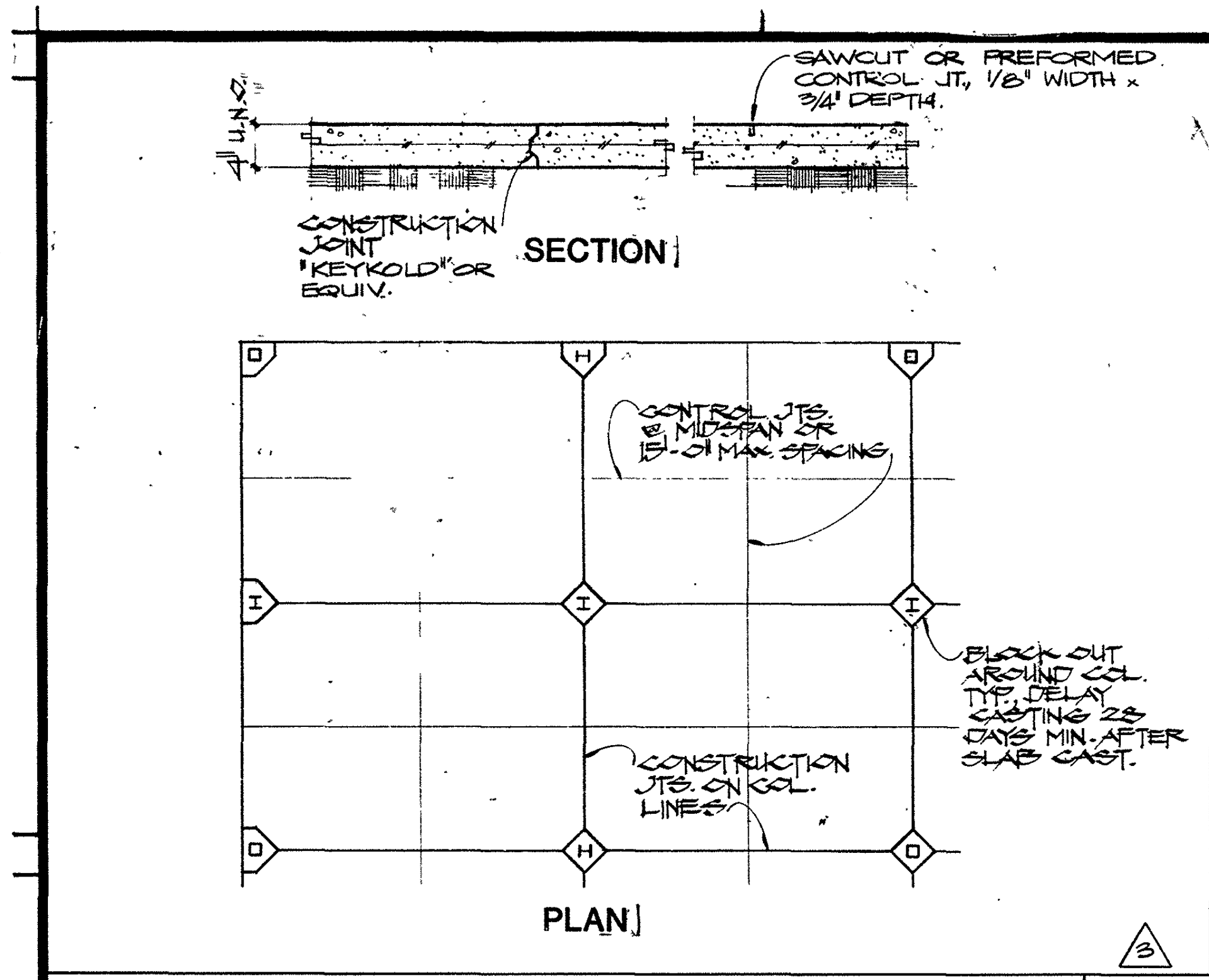
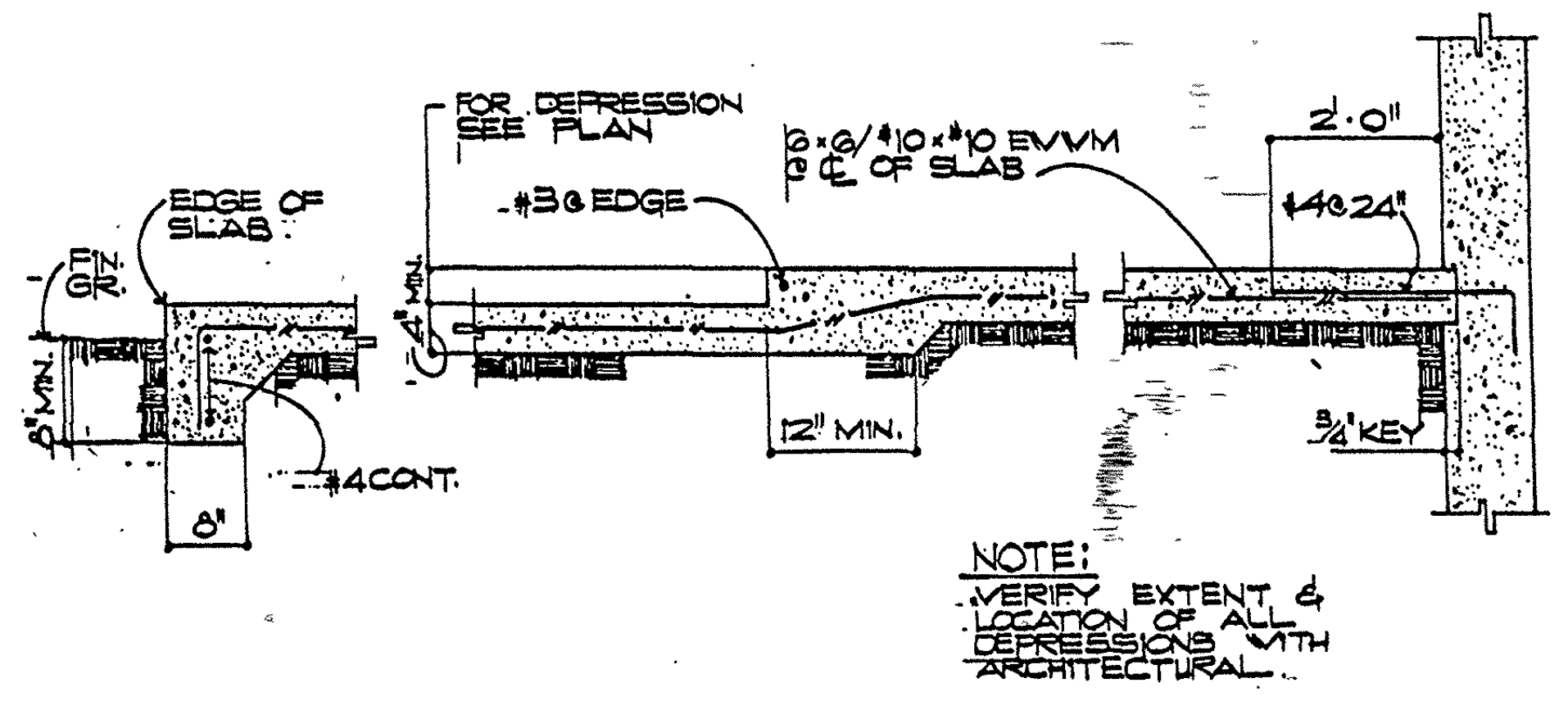
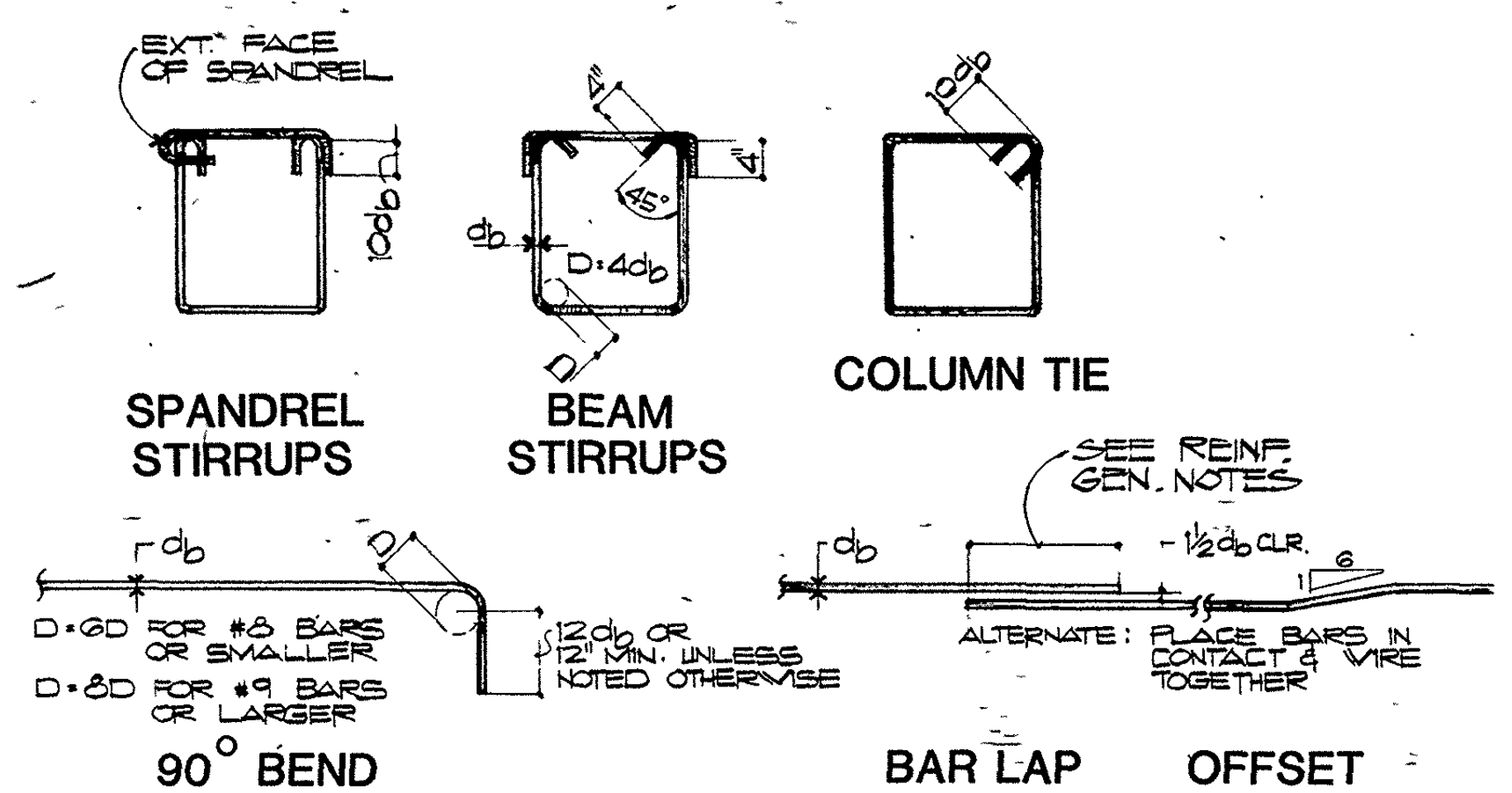

SAWCUT OR PREFORMED CONTROL JT., 1/8" WIDTH x 3/4" DEPTH.
4" U.N.O.
CONSTRUCTION JOINT "KEYKOLD" OR EQUIV.
SECTION
CONTROL JTS. @ MIDSPAN OR 15'-0" MAX SPACING
BLOCK OUT AROUND COL. TYP. DELAY CASTING 28 DAYS MIN. AFTER SLAB CAST.
CONSTRUCTION JTS. ON COL. LINES
D
H
I
PLAN
3

JOINTS FOR SLAB ON GRADE 5



NOTE: VERIFY EXTENT & LOCATION OF ALL DEPRESSIONS WITH ARCHITECTURAL.

CONCRETE SLAB ON GRADE 4


EXT. FACE OF SPANDREL
SPANDREL STIRRUPS
BEAM STIRRUPS
COLUMN TIE
D=6db
db
D=6D FOR #8 BARS OR SMALLER
D=8D FOR #9 BARS OR LARGER
12db OR 12" MIN. UNLESS NOTED OTHERWISE
90° BEND
SEE REINF. GEN. NOTES
1½db CLR.
6
1
ALTERNATE: PLACE BARS IN CONTACT & WIRE TOGETHER
BAR LAP
OFFSET

BAR SIZE	CLASS 'C'		CLASS 'B'	
	TOP BARS ✳	ALL OTHERS	TOP BARS ✳	ALL OTHERS
#4	2'-6"	1'-8"	1'-10"	1'-6"
#5	3'-0"	2'-2"	2'-3"	1'-6"
#6	3'-10"	2'-9"	2'-11"	2'-1"
#7	5'-3"	3'-9"	4'-0"	2'-10"
#8	6'-10"	4'-11"	5'-1"	3'-9"
#9	8'-0"	6'-2"	6'-10"	4'-9"
#10	◆	8'-0"	8'-6"	6'-0"
#11	◆	◆	◆	7'-6"

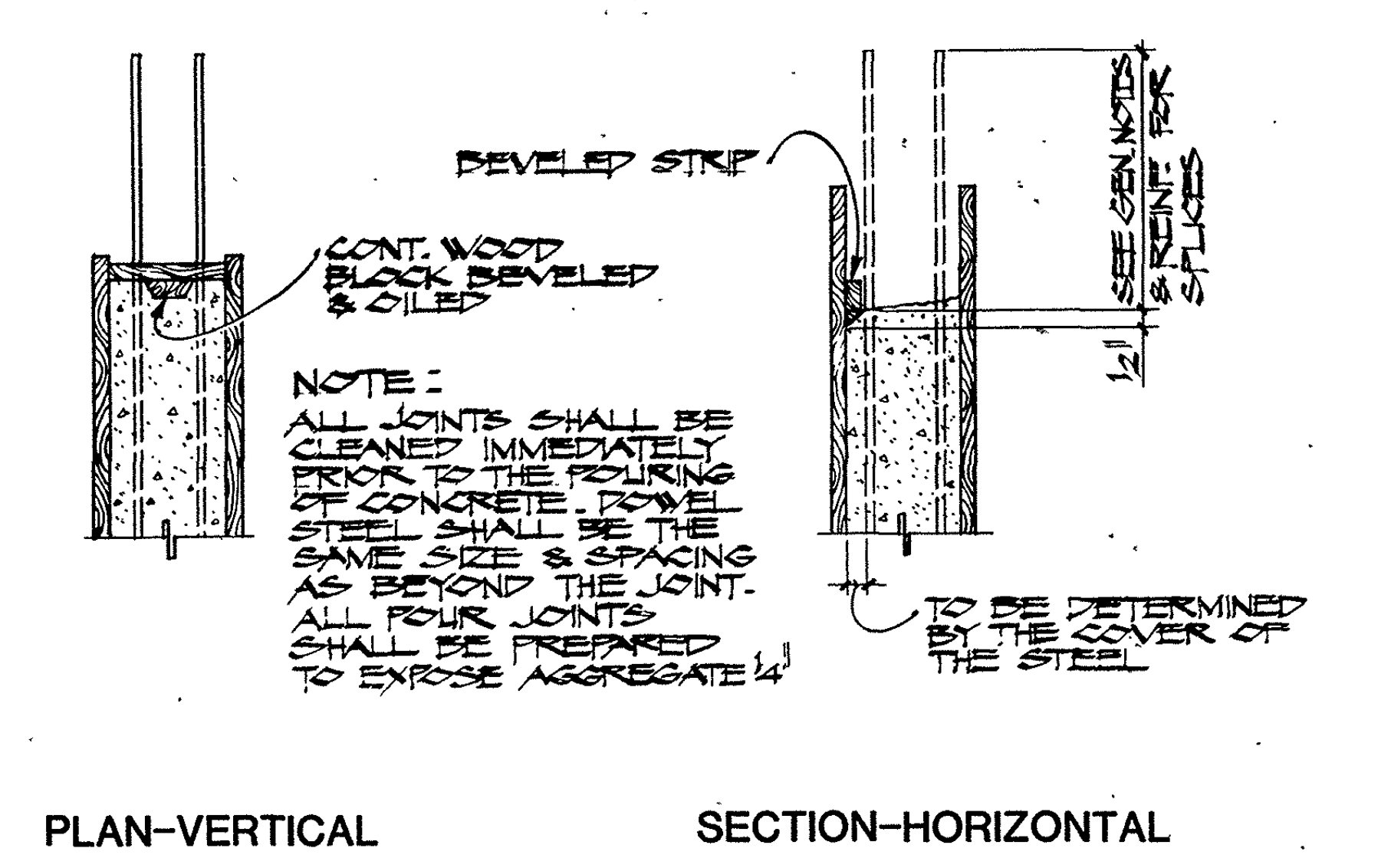
✳ TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR.

◆ FULL PENETRATION WELD (LO - HYDROGEN ELECTRODES)

BAR BENDING DETAILS & TENSION SPLICE SCHEDULE 3

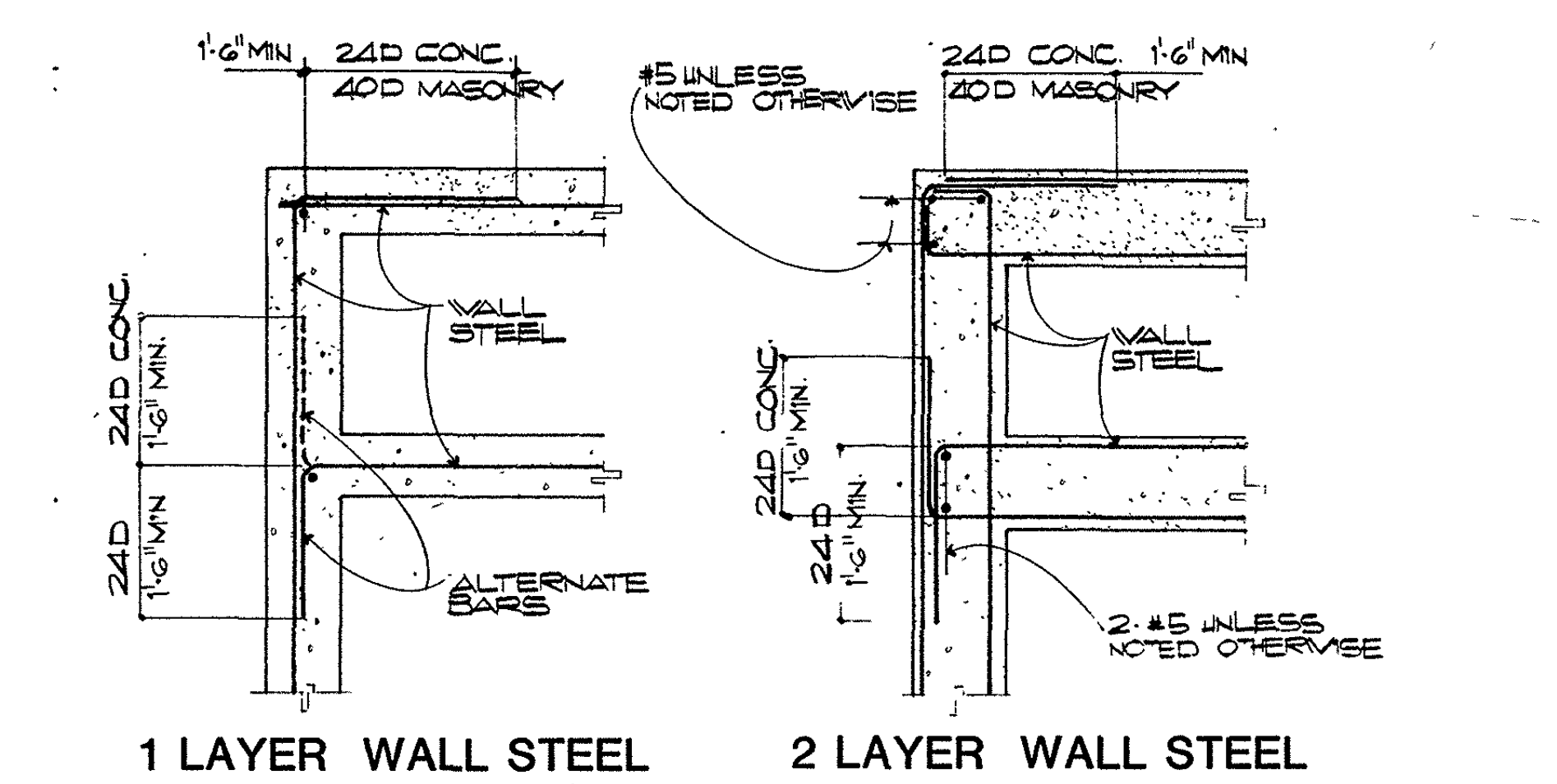
ITEM \ DATA	CONCRETE STRENGTH	REINF. GRADE			CONST. INSP.	
		A-615 GR. 40	A-615 GR. 60	A-185 MESH	YES	NO
FOOTINGS	3000 PSI H.R.		●		●	
GRADE BEAMS	3000 PSI H.R.		●		●	
SLAB ON GRADE	3000 PSI H.R.	●		●		●
WALLS	3000 PSI H.R.		●		●	
FRAMED SLABS	4000 PSI H.R.		●		●	
CONC. TOPPING OVER DECK	3000 PSI H.R.			●	●	
PRECAST CONC.	4000 PSI H.R.	●			●	

CONCRETE & REINFORCING SCHEDULE 2

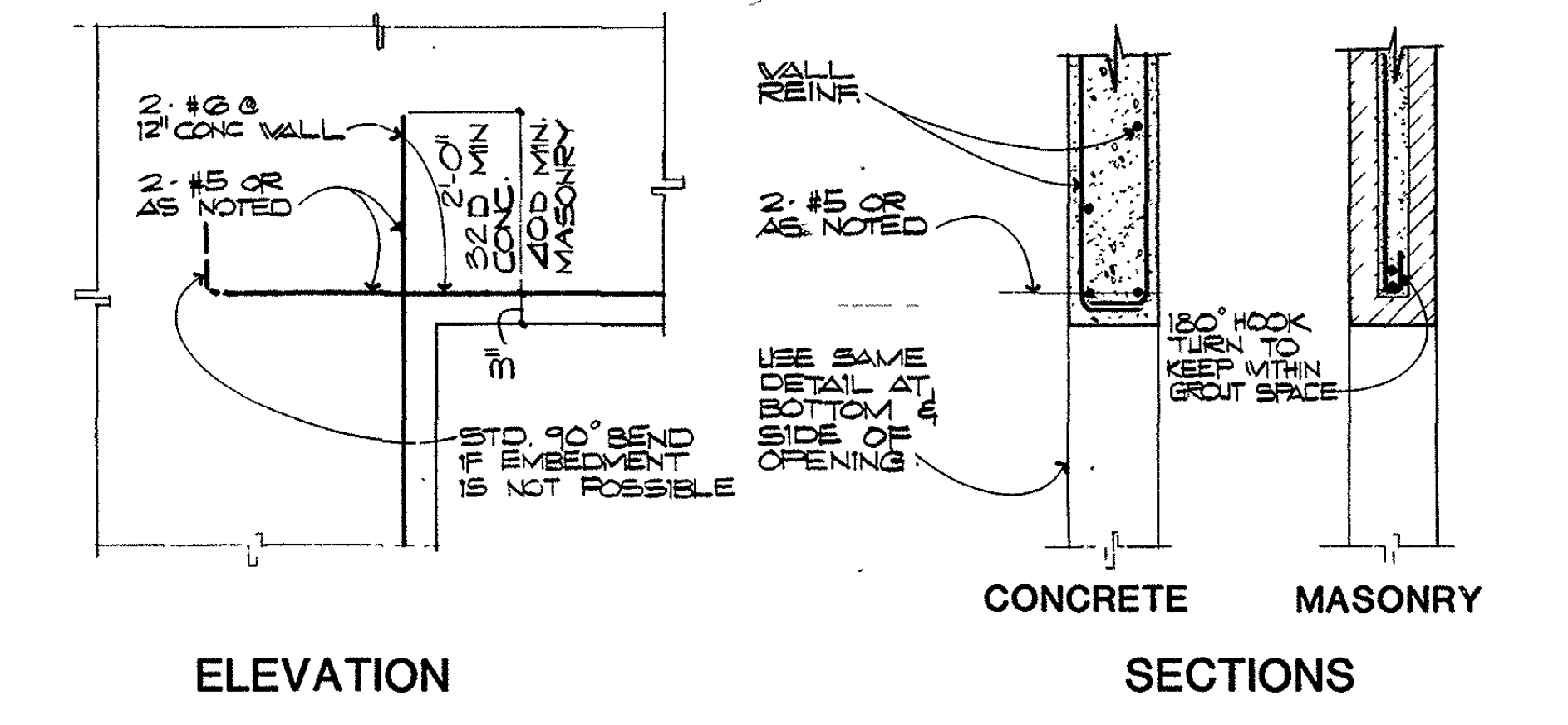

BEVELED STRIP
CONT. WOOD BLOCK BEVELED & OILED
SEE GEN. NOTES & REINF. FOR SPLICES
½"
TO BE DETERMINED BY THE COVER OF THE STEEL
PLAN-VERTICAL
SECTION-HORIZONTAL

NOTE: ALL JOINTS SHALL BE CLEANED IMMEDIATELY PRIOR TO THE POURING OF CONCRETE. DOWEL STEEL SHALL BE THE SAME SIZE & SPACING AS BEYOND THE JOINT. ALL FOUR JOINTS SHALL BE PREPARED TO EXPOSE AGGREGATE ¼"

WALL CONSTRUCTION JOINTS 6



WALL REINFORCING AT CORNERS 7


2-#5 OR AS NOTED
WALL REINF.
2-#5 OR AS NOTED
USE SAME DETAIL AT BOTTOM & SIDE OF OPENING
STD. 90° BEND IF EMBEDMENT IS NOT POSSIBLE
180° HOOK TURN TO KEEP WITHIN GROUT SPACE
ELEVATION
CONCRETE
MASONRY
SECTIONS

WALL REINFORCING AT OPENINGS 8

WALL	THICKNESS	VERT. REINF. EA. FACE U.N.O.	HORIZ. REINF. EA. FACE U.N.O.	OPNG. REINF. SEE DET.
CONC.	6"	#4@12"oc @ ℄	#4@12"oc @ ℄	2-#5
CONC.	8"	#4@18"oc	#4@18"oc	2-#5
CONC.	10"	#4@18"oc	#4@16"oc	2-#6
CONC.	12"	#4@16"oc	#4@12"oc	2-#6
CONC. BLOCK	8"	#4@24"oc @ ℄	#5@48"oc @ ℄	2-#5

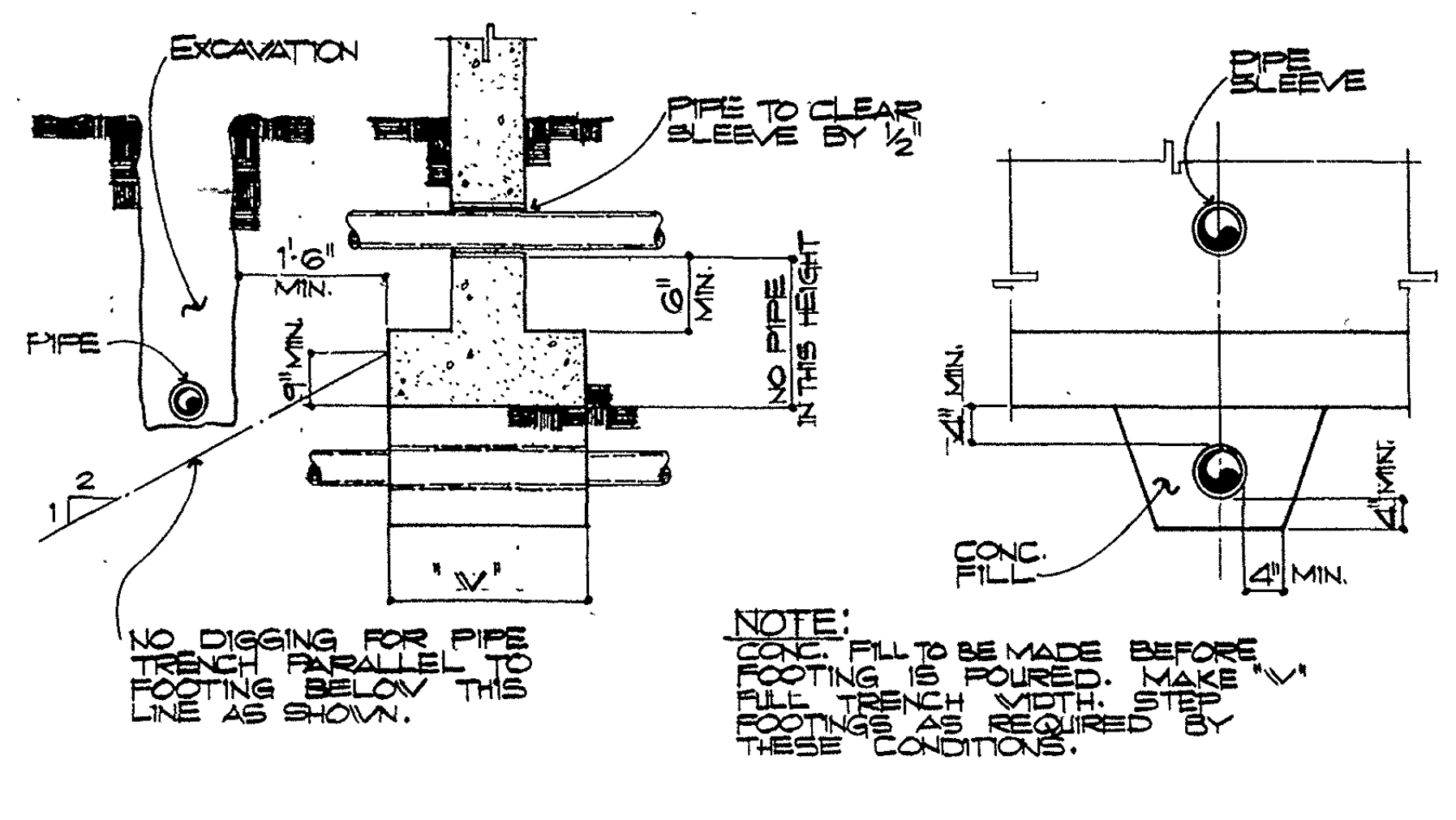
NOTES:

△3 1. GROUT ALL CELLS UNLESS OTHERWISE NOTED.

2. CONCRETE WALLS RETAINING EARTH SHALL NOT BE BACKFILLED UNTIL WALLS HAVE REACHED 70 % OF CONC. STRENGTH.

3. REINFORCING ABOVE IS MINIMUM REQUIRED. SEE SECTIONS AND ELEVATIONS FOR ADDITIONAL REINFORCING.

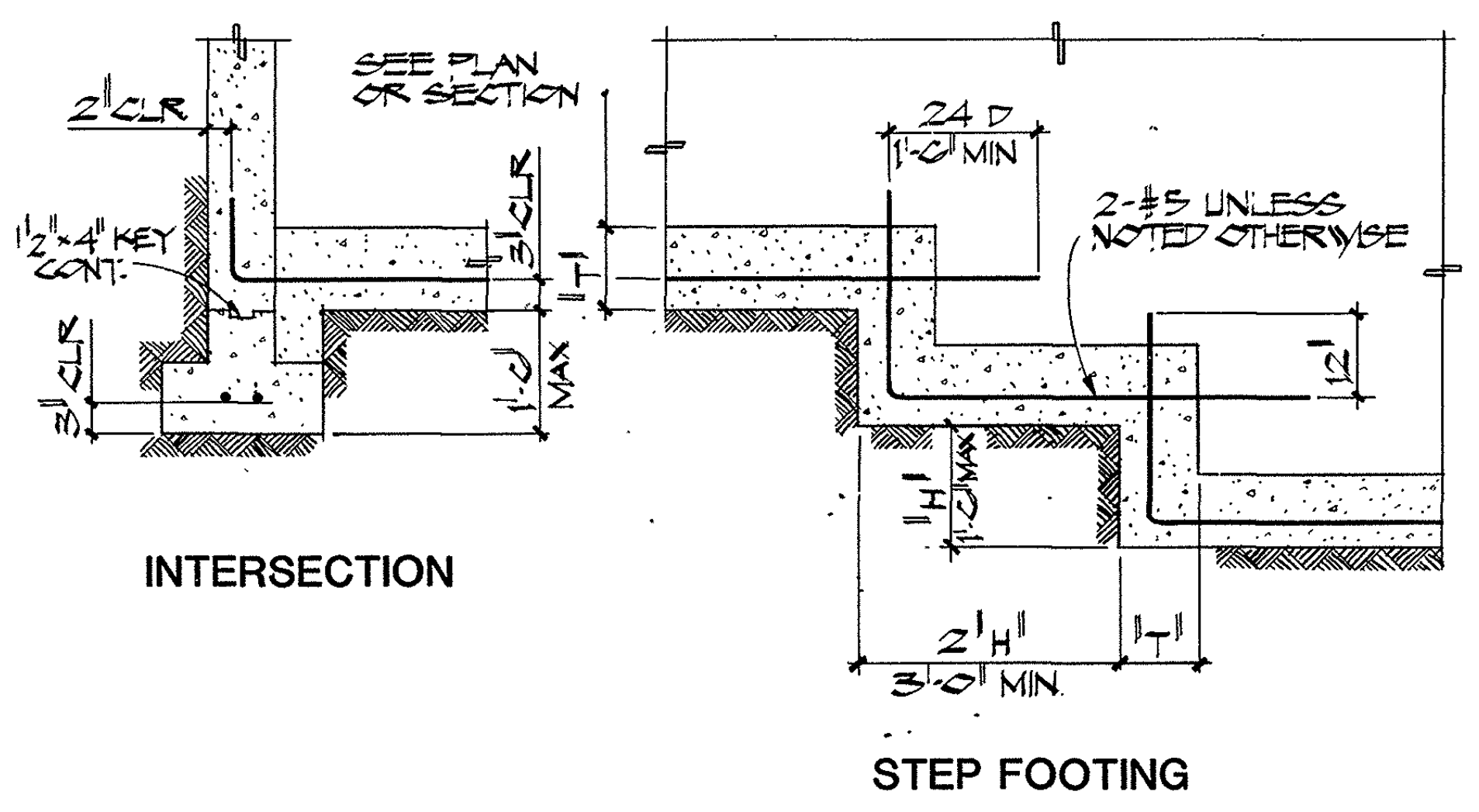
WALL REINFORCING SCHEDULE 9 △3



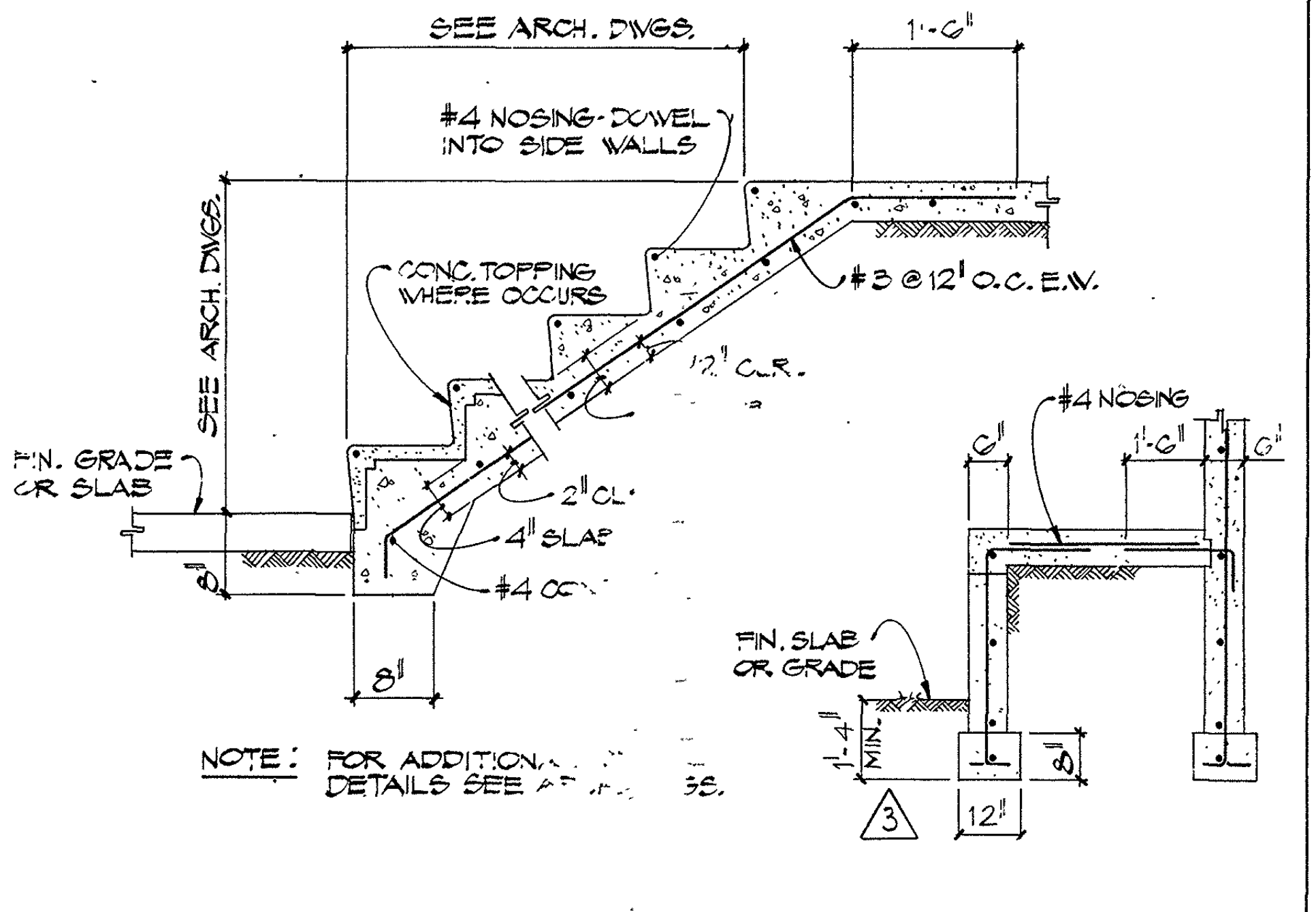
NO DIGGING FOR PIPE TRENCH PARALLEL TO FOOTING BELOW THIS LINE AS SHOWN.

NOTE: CONC. FILL TO BE MADE BEFORE FOOTING IS POURED. MAKE "W" FULL TRENCH WIDTH. STEP FOOTINGS AS REQUIRED BY THESE CONDITIONS.

PIPE AT CONCRETE FOOTING 13



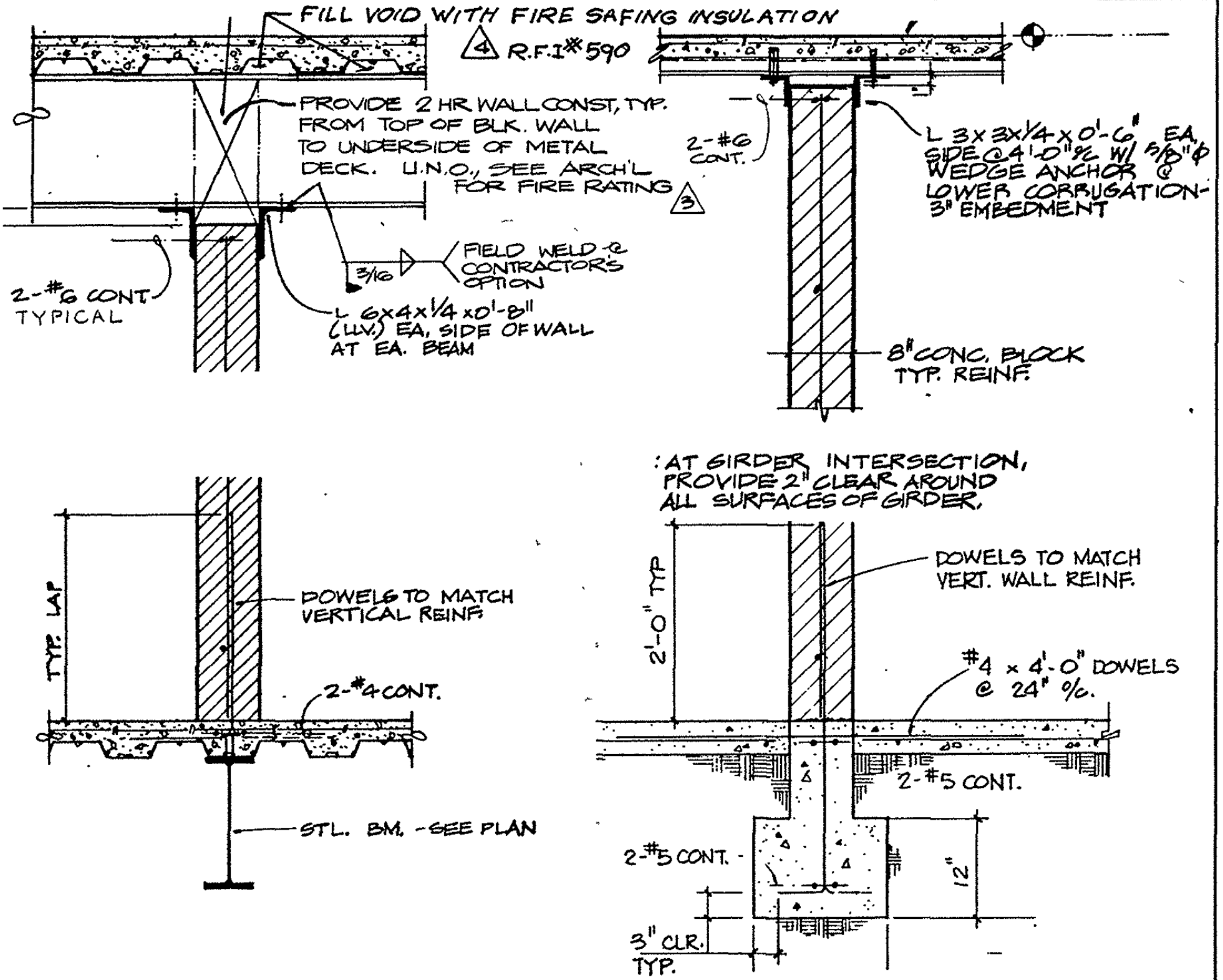
FOOTING STEPS & INTERSECTION 12



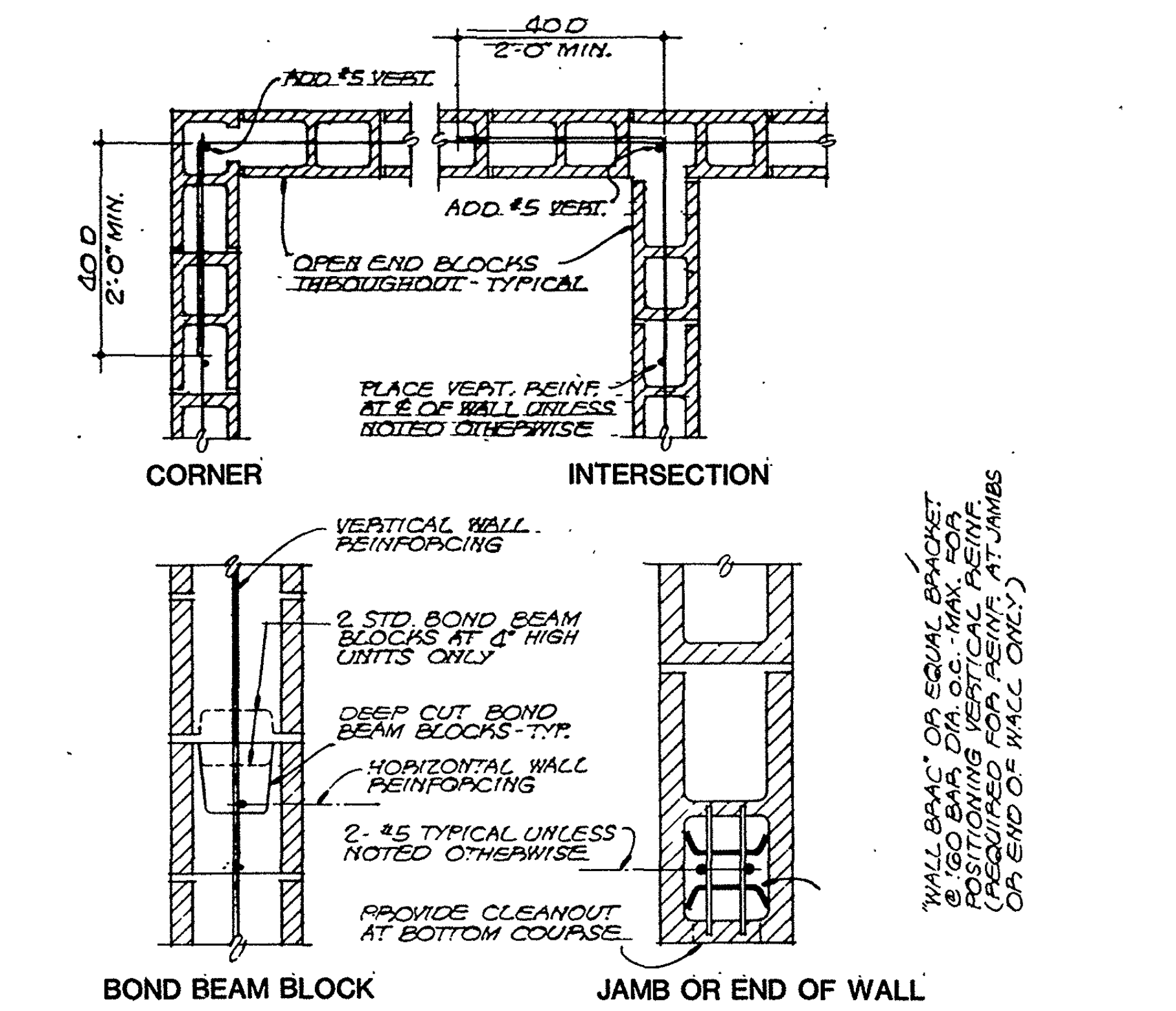
NOTE: FOR ADDITIONAL DETAILS SEE ARCH. DWGS.

CONCRETE STAIRS ON GRADE 11

10


FILL VOID WITH FIRE SAFING INSULATION
△4 R.F.I.* 590
PROVIDE 2 HR WALL CONST, TYP. FROM TOP OF BLK. WALL TO UNDERSIDE OF METAL DECK. U.N.O., SEE ARCH'L FOR FIRE RATING △3
2-#6 CONT.
L 3x3x¼x0'-6" EA. SIDE @ 4'-0" o/c W/ 5/8"φ WEDGE ANCHOR @ LOWER CORRUGATION-3" EMBEDMENT
3/16
FIELD WELD @ CONTRACTORS OPTION
2-#6 CONT. TYPICAL
L 6x4x¼x0'-8" (LLV.) EA. SIDE OF WALL AT EA. BEAM
8" CONC. BLOCK TYP. REINF.
AT GIRDER INTERSECTION, PROVIDE 2" CLEAR AROUND ALL SURFACES OF GIRDER.
TYP. LAP
DOWELS TO MATCH VERTICAL REINF.
2'-0" TYP
DOWELS TO MATCH VERT. WALL REINF.
2-#4 CONT.
#4 x 4'-0" DOWELS @ 24" o/c.
2-#5 CONT.
STL. BM. - SEE PLAN
2-#5 CONT.
12"
3" CLR. TYP.

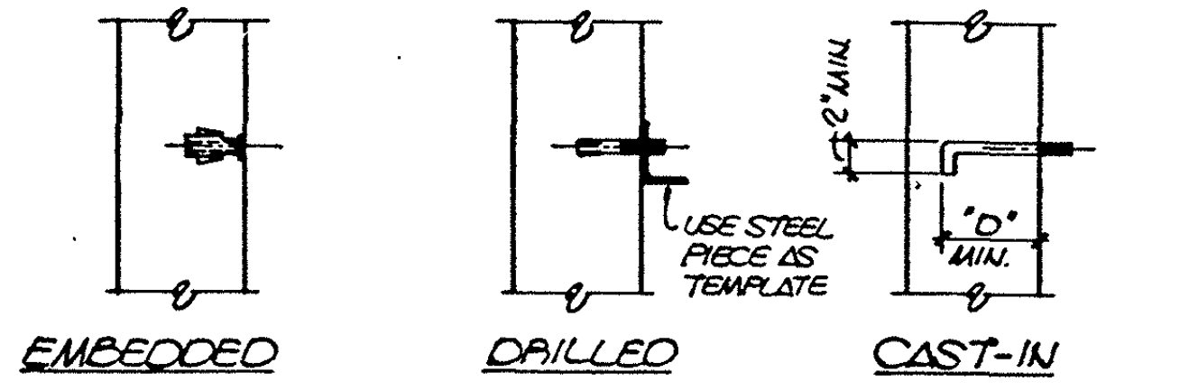
CONCRETE BLOCK WALL DETAIL 14


40 D 2'-0" MIN.
ADD #5 VERT.
ADD #5 VERT.
40 D 2'-0" MIN.
OPEN END BLOCKS THROUGHOUT - TYPICAL
PLACE VERT. REINF. AT ℄ OF WALL UNLESS NOTED OTHERWISE
CORNER
INTERSECTION
VERTICAL WALL REINFORCING
2 STD. BOND BEAM BLOCKS AT 4" HIGH UNITS ONLY
DEEP CUT BOND BEAM BLOCKS - TYP.
HORIZONTAL WALL REINFORCING
2-#5 TYPICAL UNLESS NOTED OTHERWISE
PROVIDE CLEANOUT AT BOTTOM COURSE
BOND BEAM BLOCK
JAMB OR END OF WALL

TYPICAL MASONRY DETAILS 15

16

NOTE: DRILLED ANCHORS AND EMBEDDED INSERTS SHALL BE USED ONLY WHERE SPECIFICALLY DETAILED OR FOR THE ATTACHMENT OF MECH., ELEC., OR OTHER MISC. ACCESSORIES OR EQUIPMENT TO THE STRUCTURE. MINIMUM ANCHORAGE SHALL BE 2-5/8"φ ANCHORS PER CONNECTION.



ACCEPTABLE MALLEABLE IRON INSERTS:

- RICHMOND "BELL"
- GATEWAY "TYPE J"
- HOHMANN & BARNARD "H-MI" OR "HFH" SERIES

OR EQUAL INSERTS

ACCEPTABLE DRILLED ANCHORS:

- "WEJ-IT" EXPANSION BOLT
- McCULLOCH "KWIK BOLT"
- MOLLY "PARABOLT"
- PHILLIPS "J-BOLT" OR "RED HEAD" OR EQUAL

BOLT DIA.	"D" MIN.
½"φ	4"
5/8"φ	5"
¾"φ	6"
7/8"φ	7"
1"φ	7"

TYPICAL ANCHOR BOLTS & INSERTS 17

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE.
2. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE DETAILS ON THIS SHEET SHALL BE USED WHENEVER APPLICABLE. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER WORK.
3. THE STRUCTURAL ELEMENTS, WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE 1980 EDITION OF THE LOS ANGELES CITY BUILDING CODE.
4. ALL FOUNDATION BEARING AND FILL MATERIALS SHALL BE INSPECTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND THE BUILDING INSPECTOR, AS REQUIRED, BEFORE PLACING OF CONCRETE.
5. ALL FILL AND BACKFILL MATERIALS SHALL BE COMPACTED TO 90% RELATIVE COMPACTION IN ACCORDANCE WITH A.S.T.M. D1557.
6. SEE SOIL REPORT: GEOTECHNICAL CONSULTANTS INC., MARCH, 1981 & SUPPLEMENTS.
   SOIL TYPE: SILTY SAND, SAND.
   SOIL BEARING: 1100 d + 450 b FOR ISOLATED FOOTINGS
   1000 d + 550 b FOR CONTINUOUS FOOTINGS.
   WHERE: d = DEPTH BELOW LOWEST ADJACENT FINISH GRADE - MIN. 2'-0"
   b = LEAST WIDTH OF FOOTING - MIN. 2'-0"
   AND BEARING VALUES MAY BE INCREASED ONE-THIRD FOR LOADS DUE TO EARTHQUAKE OR WIND.

FOOTING DESIGN IS BASED UPON THE ABOVE BEARING VALUES AND CONTROL OF SETTLEMENT BASED UPON CURVES IN THE REPORT SUPPLEMENT.

1) THE PRESENT DESIGN WILL ACCOMMODATE A 2½" DEPRESSION OVER ENTIRE DEPARTURE FLOORS, TOILET FLOORS, KITCHEN AREAS AND DESIGNATED STAIRS. △C

CONCRETE

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS NOTED IN THE SCHEDULE THIS SHEET.
2. LOCATION OF ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY ARCHITECT OR STRUCTURAL ENGINEER.
3. NO PIPES OR DUCTS SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES THROUGH WALLS AND FLOORS.
4. REFER TO ARCHITECT'S DETAILED DRAWINGS FOR ALL MOULDS, GROOVES, CLIPS, GROUNDS, ORNAMENTS AND OTHER INSERTS TO BE CAST IN CONCRETE.
5. ALL REINFORCING STEEL DOWELS, ANCHOR BOLTS, AND OTHER INSERTS SHALL BE SECURED IN POSITION PRIOR TO POURING CONCRETE.
6. ALL CONCRETE SHALL BE ROCK CONCRETE CONFORMING TO A.S.T.M. C-33. LIGHTWEIGHT CONCRETE SHALL CONFORM TO A.S.T.M. C-330.
7. CONTINUOUS INSPECTION SHALL BE REQUIRED DURING PLACING OF CONCRETE SPECIFIED.
8. △1 PRECAST MANUFACTURER'S DRAWINGS AND DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE DEPARTMENT OF BUILDING AND SAFETY AND THE STRUCTURAL ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION.

MASONRY

1. REINFORCED BLOCK WALLS SHALL BE OF MATERIALS AND CONSTRUCTION AS DEFINED IN CHAPTER 24 OF THE BUILDING CODE.
2. BLOCK SHALL BE LIGHT WEIGHT UNITS CONFORMING TO A.S.T.M. C-90 GRADE N-1, EXCEPT THAT NOTED AS SAND-GRAVEL BLOCK.
3. SAND SHALL CONFORM TO A.S.T.M. C-144.
4. CEMENT & REINFORCING STEEL SHALL BE AS UNDER CONCRETE.
5. MORTAR SHALL BE TYPE S, ONE PART CEMENT, 1/4 TO 1/2 PART HYDRATED LIME OR LIME PUTTY, 2-1/4 TO 3 PARTS SAND. USE SIKA CHEMICAL RED LABEL ADMIXTURE.
6. GROUT SHALL HAVE A MINIMUM STRENGTH OF 2,000 P.S.I. AT 28 DAYS WITH ONE PART CEMENT, TWO TO THREE PARTS SAND, 1-1/2 PARTS PEA GRAVEL. USE SIKA CHEMICAL GROUT AID GA TYPE I OR TYPE II.
7. CONTINUOUS INSPECTION BY A REGISTERED DEPUTY INSPECTOR IS NOT REQUIRED.

REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO A.S.T.M. A-615.
2. REINFORCING BARS MAY BE SPLICED WITH A LAP AS FOLLOWS WITH 1'6" MIN. LAP UNLESS NOTED OTHERWISE:

IN MASONRY	40 BAR DIAMETERS
IN CONCRETE	
#6 BARS AND SMALLER	40 BAR DIAMETERS
#6 BARS AND SMALLER WHEN SPACED 6" AND MORE OR ALTERNATE LAPS STAGGERED 40D	32 BAR DIAMETERS
#6 BARS AND SMALLER WHEN SPACED 6" AND MORE AND BAR LAPS STAGGERED 40D	26 BAR DIAMETERS

#7 BARS AND LARGER SHALL BE WELDED OR LAPPED AS REQUIRED BY THE STRUCTURAL ENGINEER

SPLICE OF TOP BARS IN BEAMS OR JOISTS SHALL BE LAPPED 50% LONGER THAN NOTED ABOVE.

3. DOWELS SHALL BE PROVIDED AT ALL POUR JOINTS AND SHALL BE THE SAME SIZE AND SPACING AS REINFORCING DIRECTLY BEYOND POUR JOINTS.
4. REINFORCING STEEL SHALL HAVE THE FOLLOWING MIN. COVER: FORMED SURFACES IN CONTACT WITH EARTH - 2"; FOOTINGS - #"; WALLS, EXTERIOR FACE - 1½"; WALLS, INTERIOR FACE - 1", SLABS - 3/4".
5. ALL REINFORCING SHALL BE SUPPORTED IN CONFORMANCE WITH "THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION" - LATEST EDITION.

STRUCTURAL & MISCELLANEOUS STEEL

1. STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO A.S.T.M. A-36. TUBE COLUMNS SHALL CONFORM TO A.S.T.M. A-500 OR A-501 AND PIPE COLUMNS SHALL CONFORM TO A.S.T.M. A-53, GRADE B.
2. ALL MATERIAL, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATIONS AS APPROVED BY THE BUILDING DEPARTMENT.
3. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
4. FABRICATOR SHALL BE LICENSED BY THE LOS ANGELES CITY BUILDING DEPARTMENT.
5. ALL WELDERS SHALL BE CERTIFIED BY THE BUILDING DEPARTMENT. ALL FIELD WELDING AND ALL MULTI-PASS AND GROOVE WELDS SHALL HAVE CONTINUOUS INSPECTION. WELDING SHALL CONFORM TO A.W.S. A.5.1. & D.1.1. ULTRASONIC INSPECTION BY AN APPROVED TESTING AGENCY SHALL BE REQUIRED AT ALL GROOVE WELDS AND AREAS ADJACENT TO GROOVE WELDS OF 1½ INCH PLATE AND LARGER SHALL BE INSPECTED NEAR THE END OF FIELD WELDING OPERATION.
6. BOLTS SHALL CONFORM TO A.S.T.M. A-307 UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS SHALL CONFORM TO A.S.T.M. A-325 FRICTION TYPE. INSTALLATION OF HIGH STRENGTH BOLTS SHALL CONFORM TO "THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS", AND SHALL HAVE CONTINUOUS INSPECTION.
7. ERECTION & WELDING FOR FRAME BEAMS TO COLUMNS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER AND BUILDING DEPARTMENT. THE SEQUENCE SHALL MINIMIZE RESIDUAL STRESSES.
8. ALL FRAME MATERIAL 1½ INCH AND THICKER SHALL BE UNTRASONICALLY TESTED FOR IMPERFECTIONS 6 INCHES ABOVE AND BELOW WELD AREAS FOR MONENT CONNECTIONS OR SPLICE AREAS PER BUILDING DEPARTMENT REQUIREMENTS.

GENERAL NOTES 1

AS BUILT

△4 E.F. R.F.I.* 590

△3 6.1.82 GENERAL COORDINATION

△1 6.1.82 BLDG. DEPT. CORRECTIONS

△C ADD.# "C"

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow #5500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

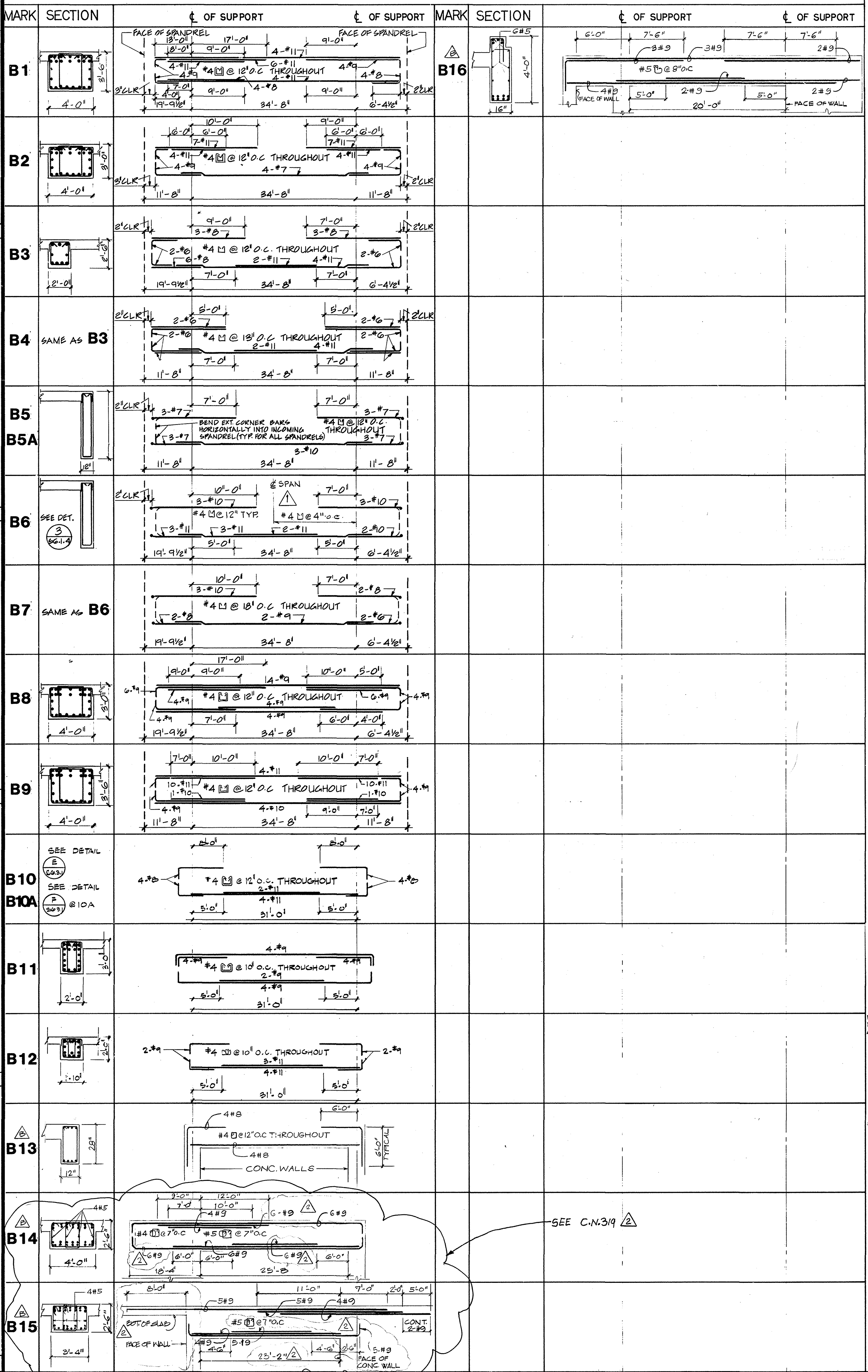
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

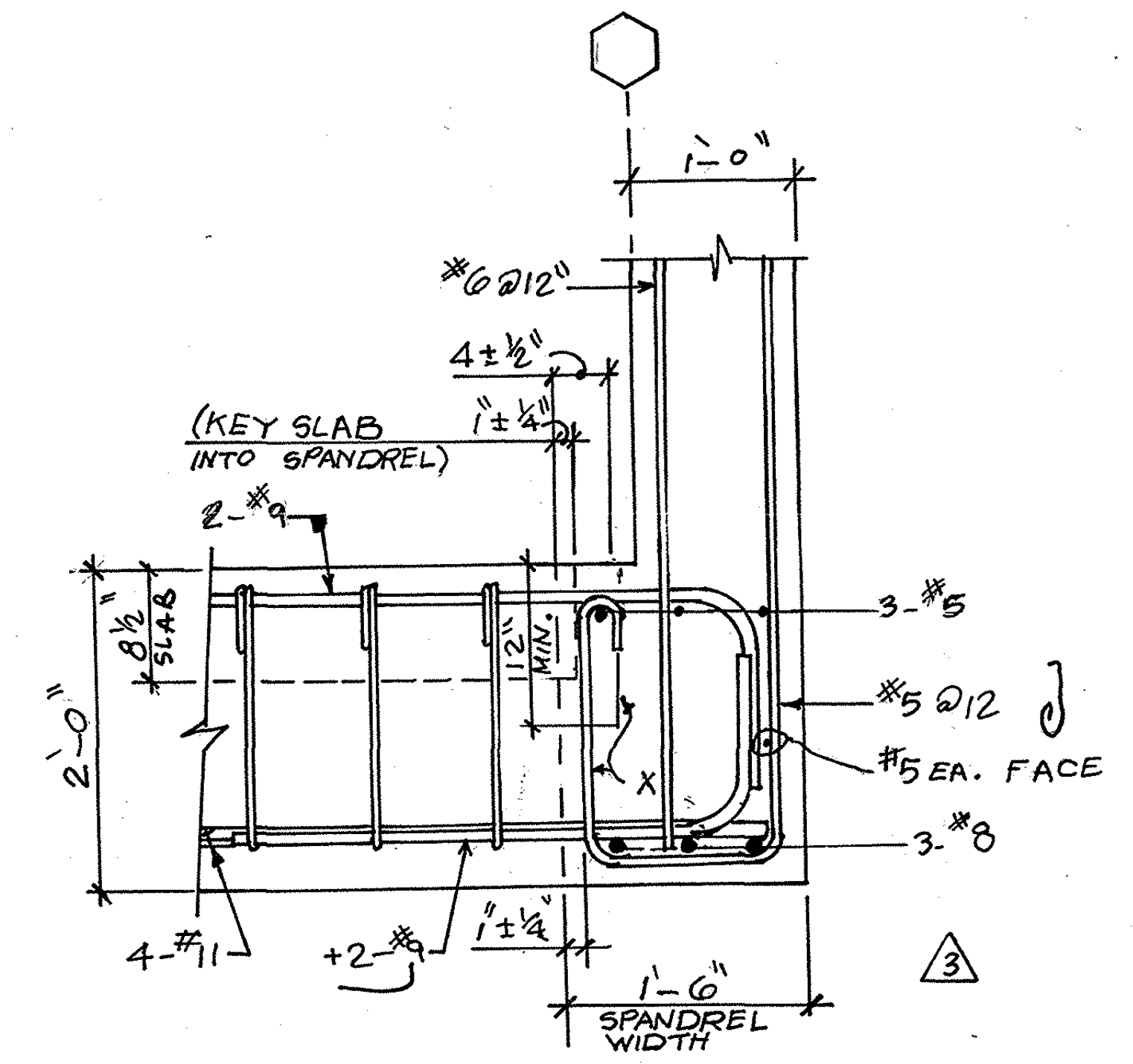
City of Los Angeles Department of Airport
Date FEB. 3 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: TYPICAL DETAILS & GENERAL NOTES
Department of Airports Drawing No. 82001-600
Designed by
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. S1.1.1
Sheet of Sheets

BEAM SCHEDULE

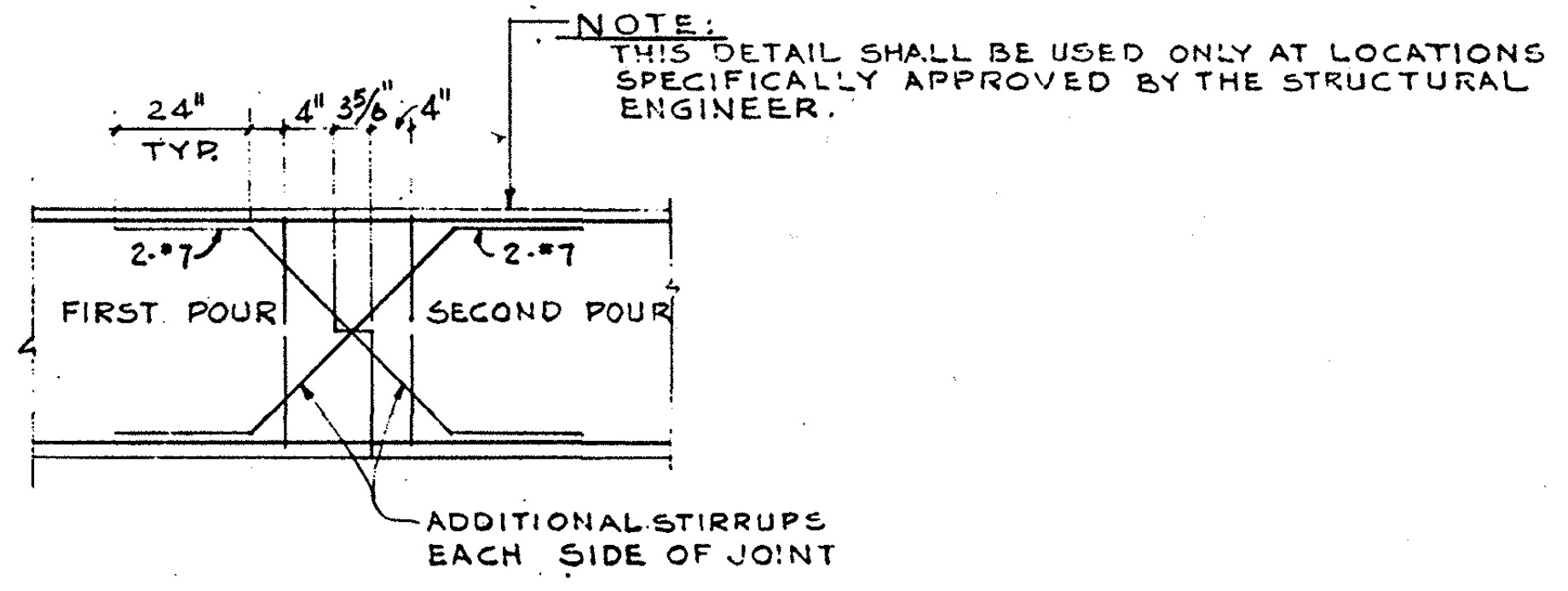

MARK
SECTION
℄ OF SUPPORT
℄ OF SUPPORT
B1
FACE OF SPANDREL
#4 ⊔ @ 12" O.C. THROUGHOUT
B2
#4 ⊔ @ 12" O.C. THROUGHOUT
B3
#4 ⊔ @ 12" O.C. THROUGHOUT
B4
SAME AS B3
#4 ⊔ @ 18" O.C. THROUGHOUT
B5
B5A
BEND EXT. CORNER BARS HORIZONTALLY INTO INCOMING SPANDREL (TYP. FOR ALL SPANDRELS)
#4 ⊔ @ 12" O.C. THROUGHOUT
B6
SEE DET. 3
#4 ⊔ @ 12" TYP.
#4 ⊔ @ 4" O.C.
℄ SPAN
B7
SAME AS B6
#4 ⊔ @ 18" O.C. THROUGHOUT
B8
#4 ⊔ @ 12" O.C. THROUGHOUT
B9
#4 ⊔ @ 12" O.C. THROUGHOUT
B10
B10A
SEE DETAIL
SEE DETAIL @ 10A
#4 ⊔ @ 12" O.C. THROUGHOUT
B11
#4 ⊔ @ 10" O.C. THROUGHOUT
B12
#4 ⊔ @ 10" O.C. THROUGHOUT
B13
#4 ⊔ @ 12" O.C. THROUGHOUT
CONC. WALLS
B14
#4 ⊔ @ 7" O.C.
#5 ⊔ @ 7" O.C.
SEE C.N.319
B15
BOT. OF SLAB
FACE OF WALL
#5 ⊔ @ 7" O.C.
CONT. 2-#9
FACE OF CONC. WALL
B16
#5 ⊔ @ 8" O.C.
FACE OF WALL



* BEAM B-12 TO PROJECT FULL WIDTH INTO SUBSEQENT SPANDREL CAST TO FORM MINIMUM HALF DEPTH KEYED JOINT AS SHOWN. ROUGHEN JOINT SURFACE.

LONGITUDINAL SECTION THRU ENDS OF BEAMS B-12

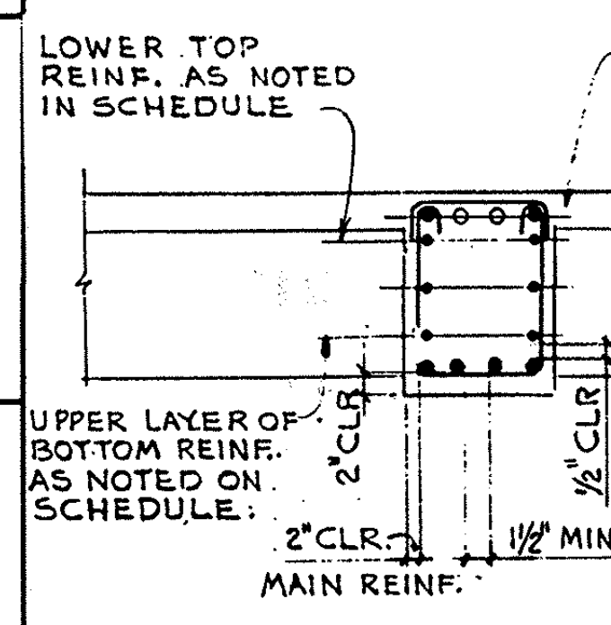
SCALE 1" = 1'-0"



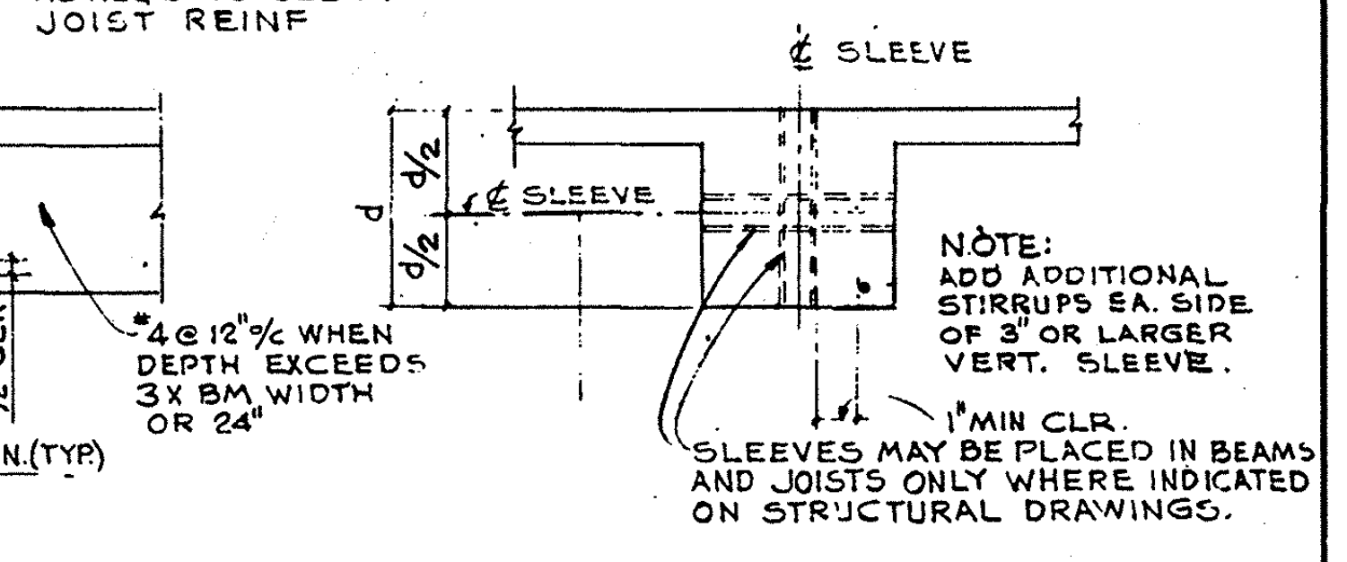
NOTE: THIS DETAIL SHALL BE USED ONLY AT LOCATIONS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER.

ADDITIONAL STIRRUPS EACH SIDE OF JOINT

CONSTRUCTION JOINT


LOWER TOP REINF. AS NOTED IN SCHEDULE
LOWER THE TOP BARS ½" MAX. AS REQ'D TO CLEAR JOIST REINF
UPPER LAYER OF BOTTOM REINF. AS NOTED ON SCHEDULE
2" CLR
½" CLR
#4 @ 12" o/c WHEN DEPTH EXCEEDS 3X BM WIDTH OR 24"
2" CLR.
1½" MIN. (TYP.)
MAIN REINF.

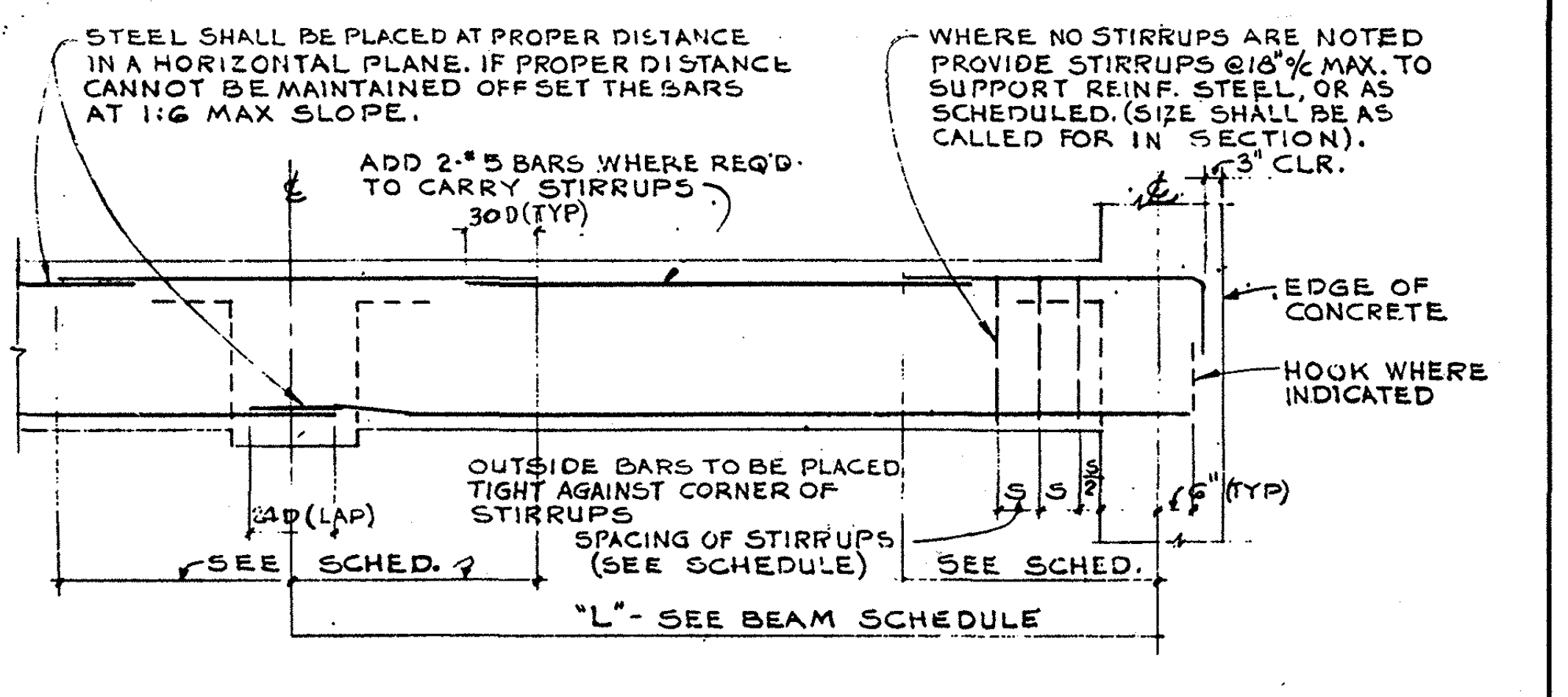
BEAM SECTION



NOTE: ADD ADDITIONAL STIRRUPS EA. SIDE OF 3" OR LARGER VERT. SLEEVE.

SLEEVES MAY BE PLACED IN BEAMS AND JOISTS ONLY WHERE INDICATED ON STRUCTURAL DRAWINGS.

SLEEVE IN BEAM OR JOIST

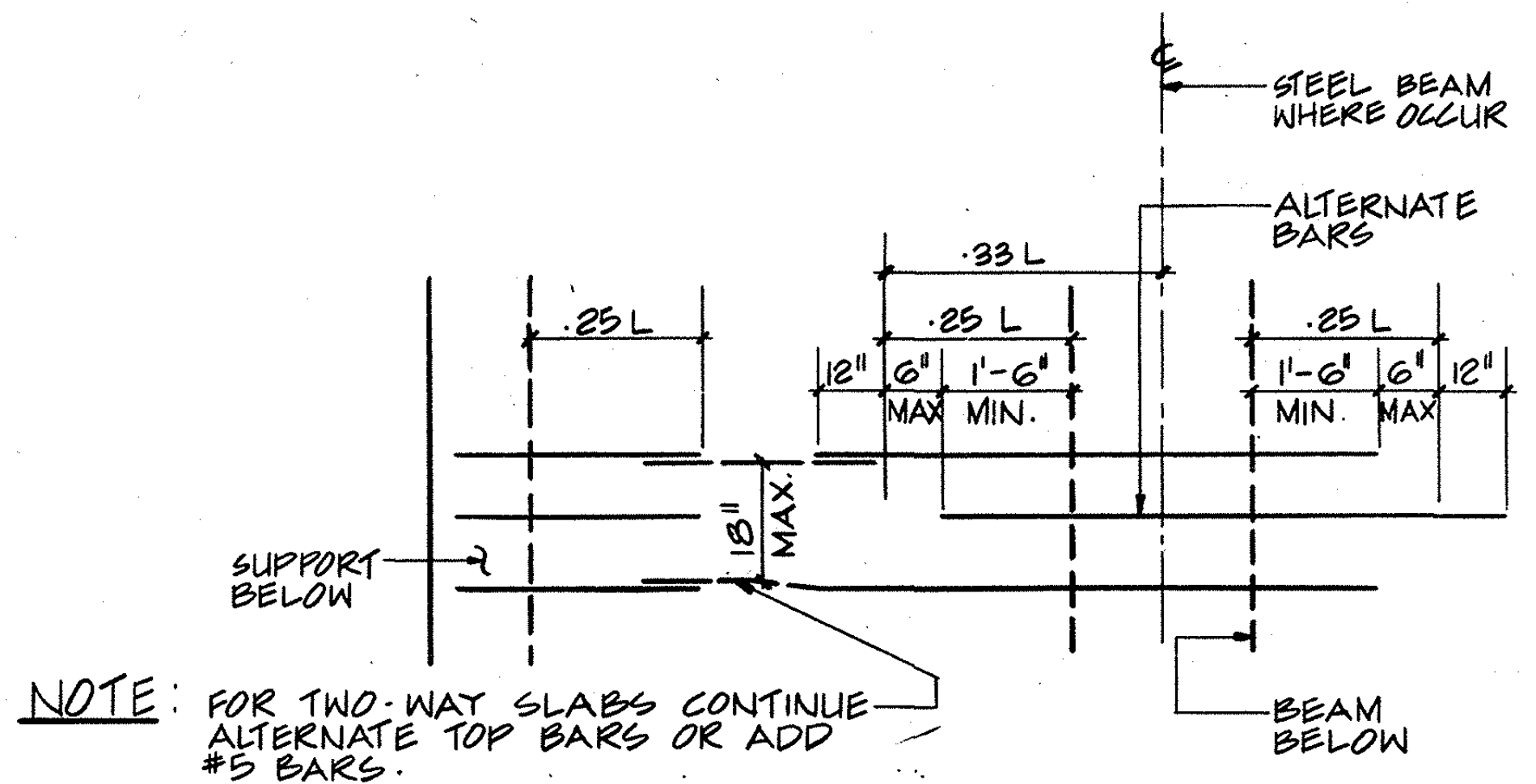

ADD 2-#5 BARS WHERE REQ'D TO CARRY STIRRUPS
30D (TYP)
3" CLR.
EDGE OF CONCRETE
HOOK WHERE INDICATED
OUTSIDE BARS TO BE PLACED TIGHT AGAINST CORNER OF STIRRUPS
24D (LAP)
SPACING OF STIRRUPS (SEE SCHEDULE)
S
S
S/2
6" (TYP)
SEE SCHED.
SEE SCHED.
"L" - SEE BEAM SCHEDULE

STEEL SHALL BE PLACED AT PROPER DISTANCE IN A HORIZONTAL PLANE. IF PROPER DISTANCE CANNOT BE MAINTAINED OFFSET THE BARS AT 1:6 MAX SLOPE.

WHERE NO STIRRUPS ARE NOTED PROVIDE STIRRUPS @18" o/c MAX. TO SUPPORT REINF. STEEL, OR AS SCHEDULED. (SIZE SHALL BE AS CALLED FOR IN SECTION).

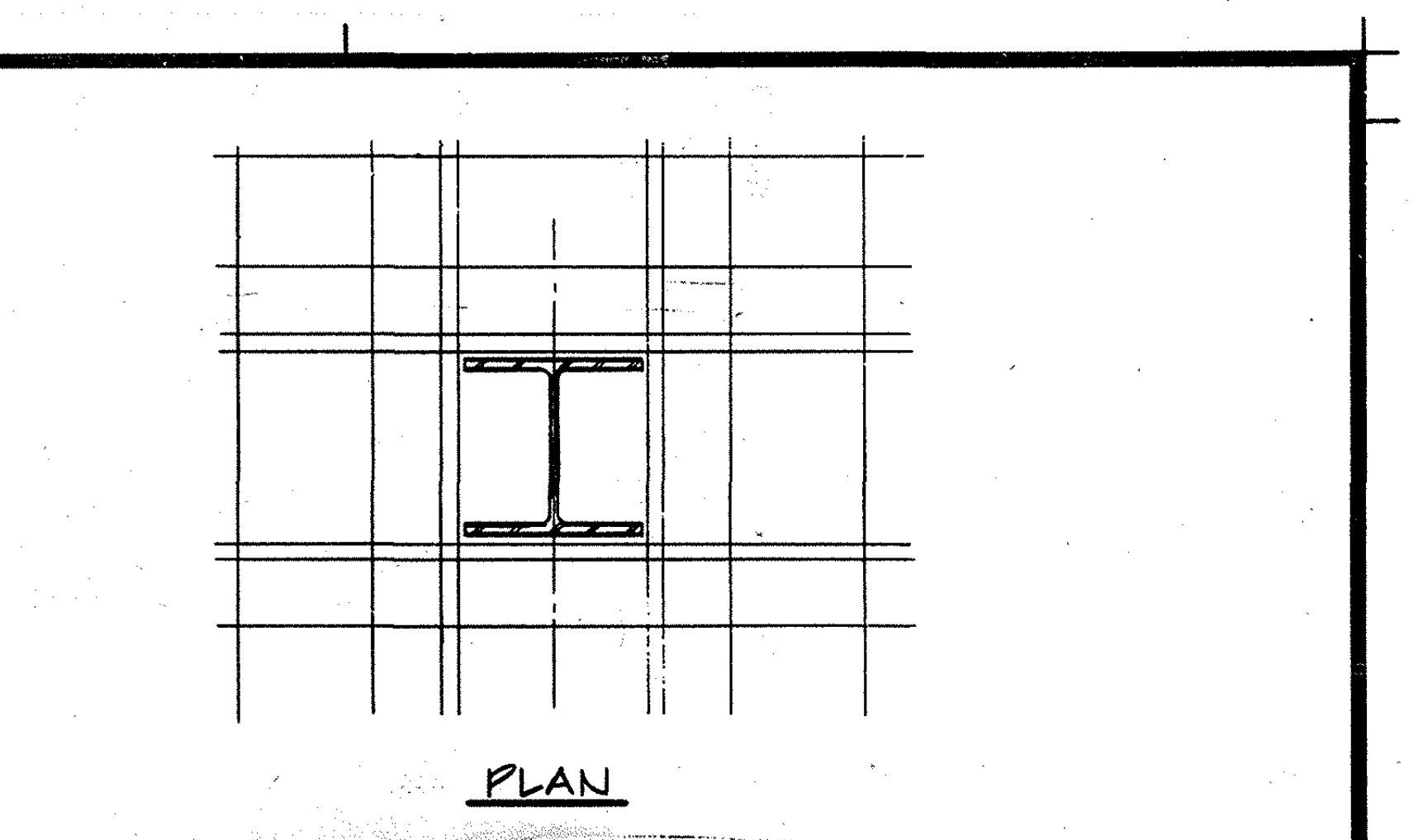
BEAM ELEVATION

TYPICAL BEAM DETAILS



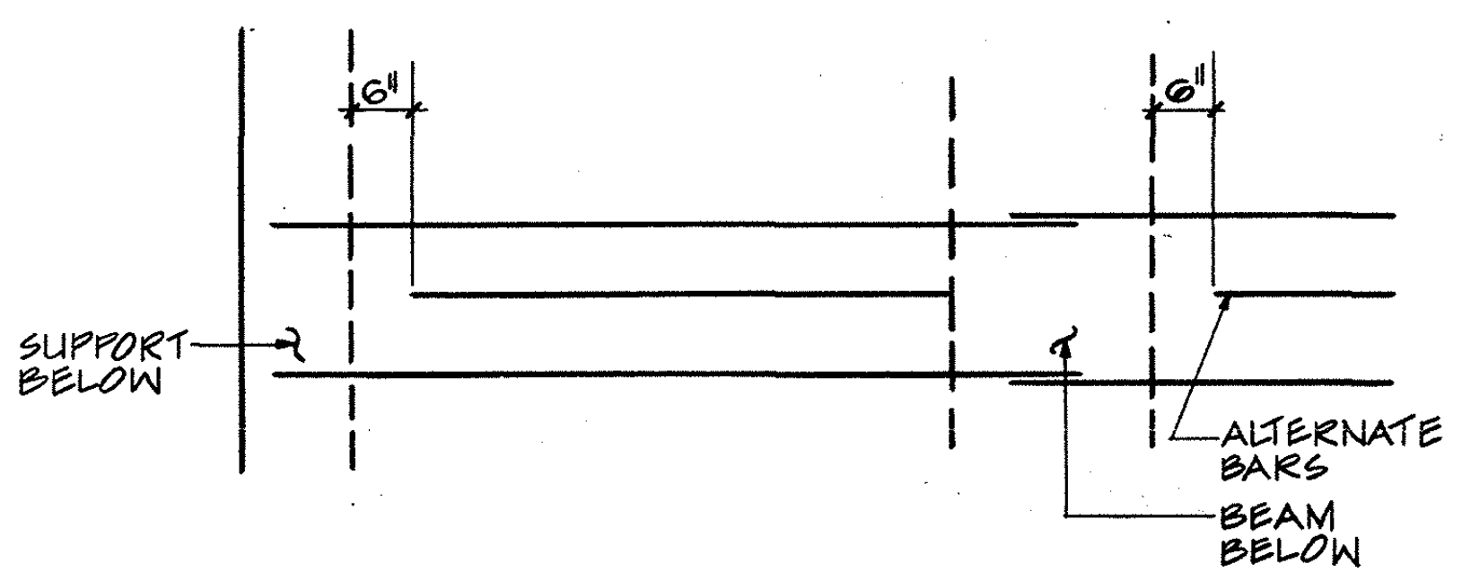
NOTE: FOR TWO-WAY SLABS CONTINUE ALTERNATE TOP BARS OR ADD #5 BARS.

PLAN-TOP BARS (D)

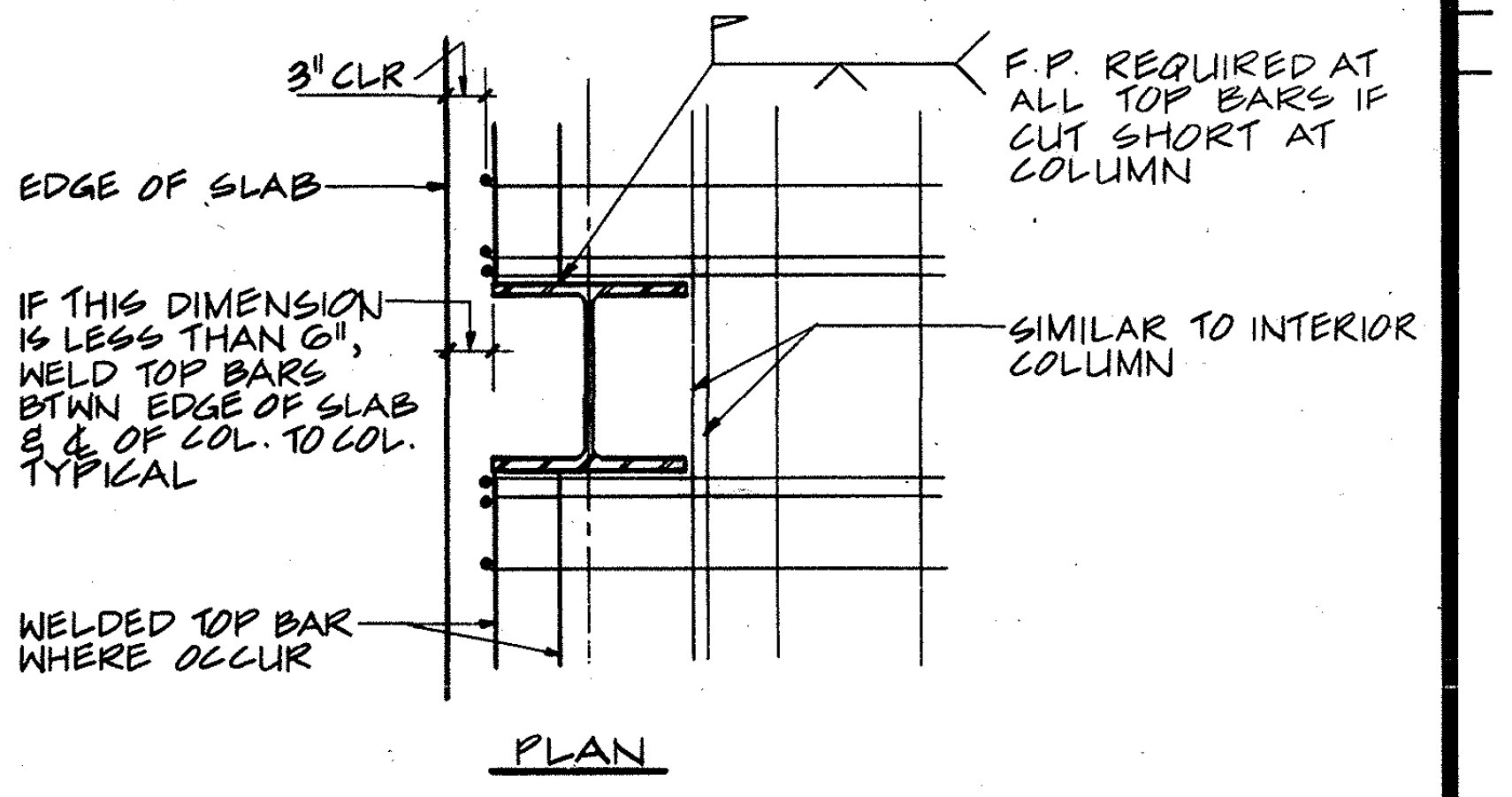


NOTE: DO NOT CUT REINFORCING AT COLUMNS PLACE EQUAL NUMBERS OF BARS EACH SIDE OF COLUMN TYPICAL U.N.O

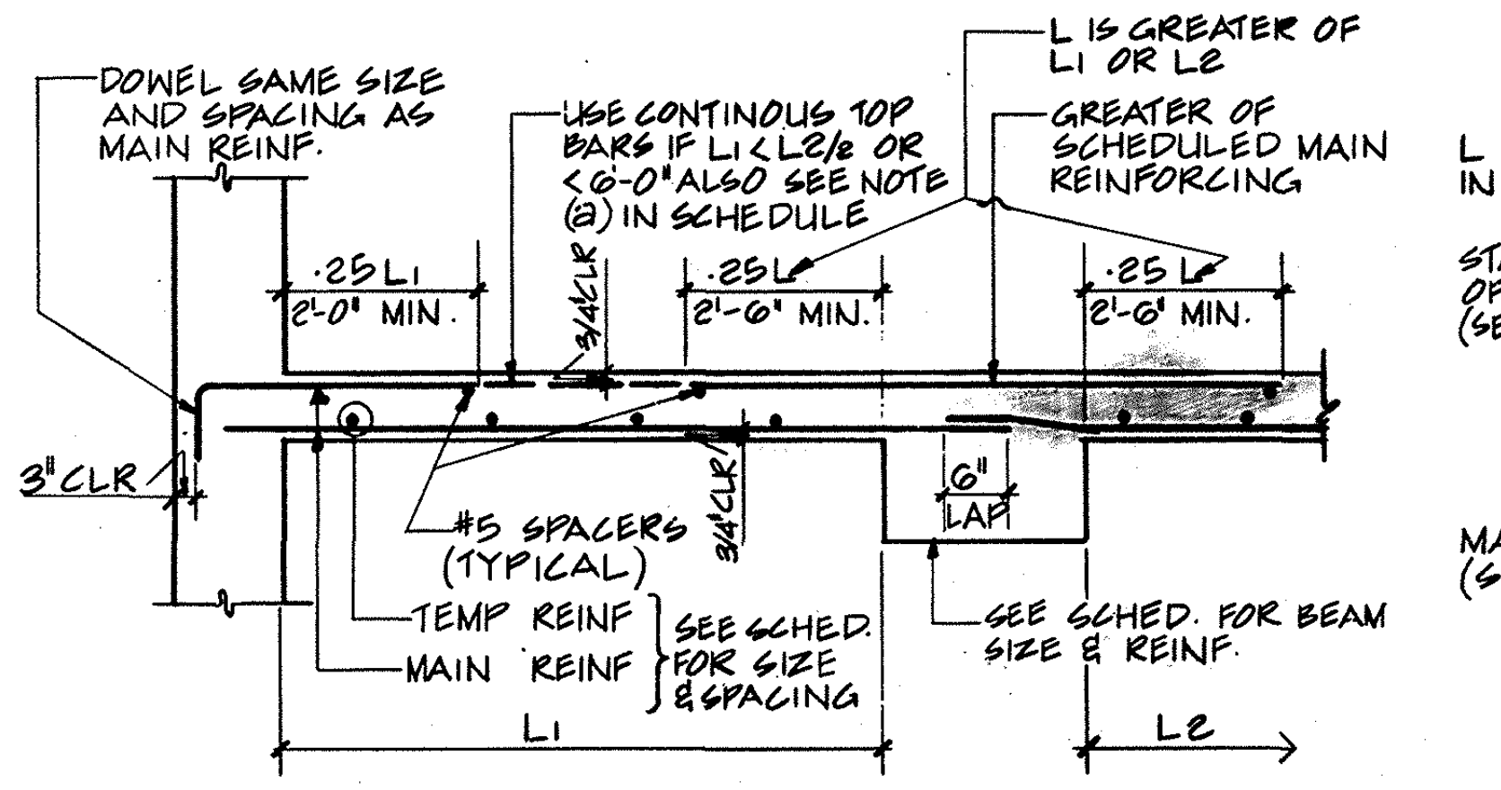
REINFORCING AT INTERIOR COLUMN (F)



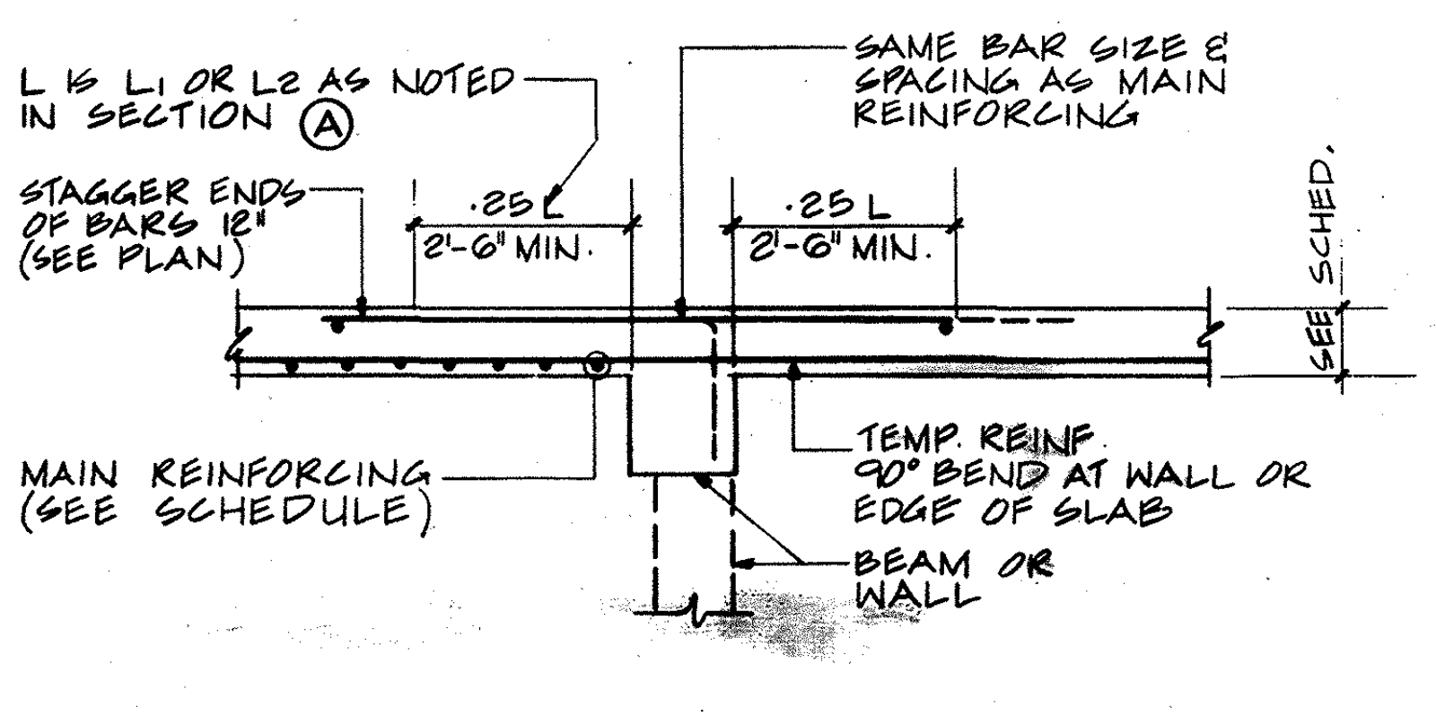
PLAN-BOTTOM BARS (C)


3" CLR
F.P. REQUIRED AT ALL TOP BARS IF CUT SHORT AT COLUMN
EDGE OF SLAB
IF THIS DIMENSION IS LESS THAN 6", WELD TOP BARS BTWN EDGE OF SLAB & ℄ OF COL. TO COL. TYPICAL
SIMILAR TO INTERIOR COLUMN
WELDED TOP BAR WHERE OCCUR
PLAN

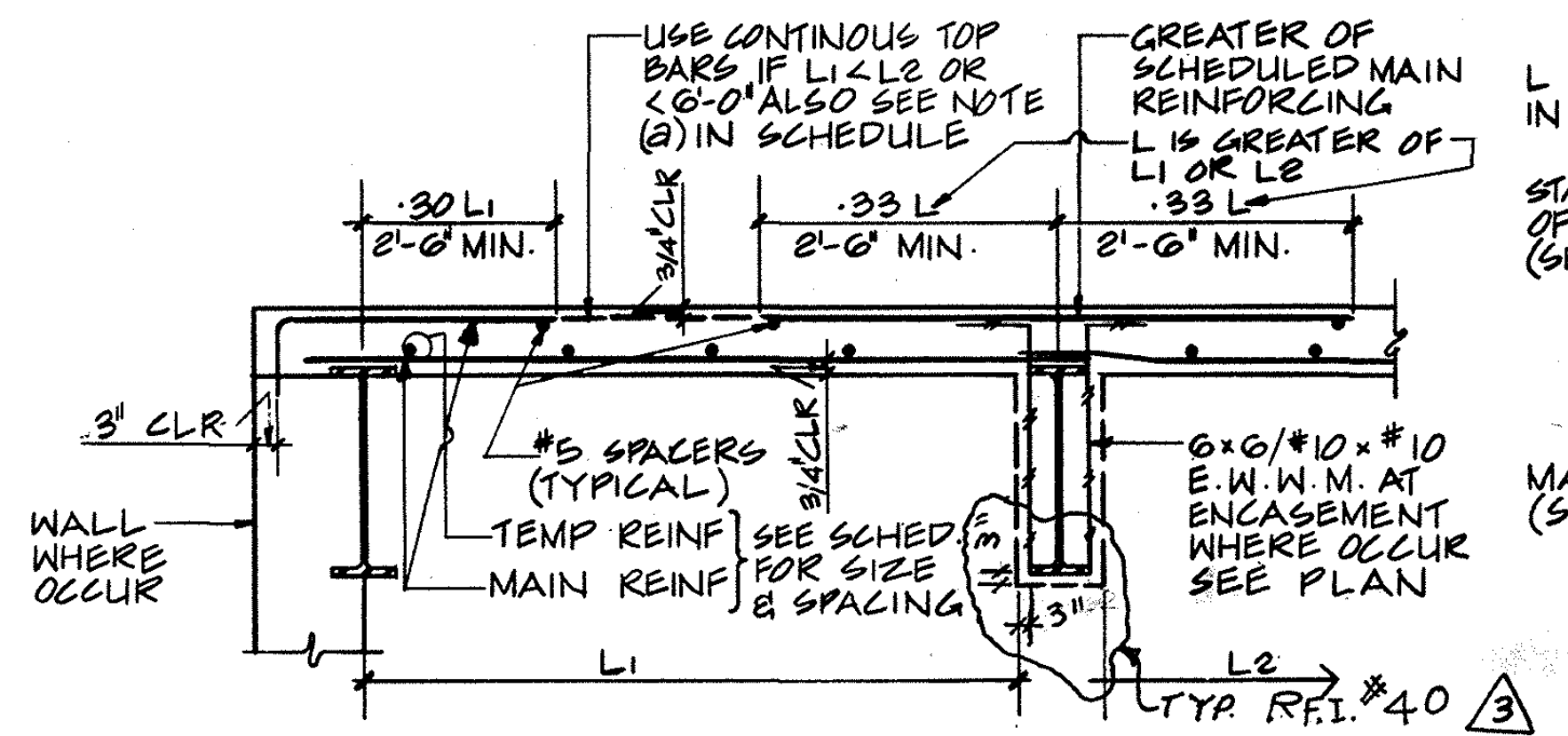
REINFORCING AT SLAB-EDGE COLUMN (E)


DOWEL SAME SIZE AND SPACING AS MAIN REINF.
USE CONTINOUS TOP BARS IF L1<L2/2 OR <6'-0" ALSO SEE NOTE (2) IN SCHEDULE
L IS GREATER OF L1 OR L2
GREATER OF SCHEDULED MAIN REINFORCING
.25 L1
2'-0" MIN.
.25 L
2'-6" MIN.
.25 L
2'-6" MIN.
3/4" CLR
3" CLR
#5 SPACERS (TYPICAL)
3/4" CLR
6" LAP
TEMP REINF
MAIN REINF
SEE SCHED. FOR SIZE & SPACING
SEE SCHED. FOR BEAM SIZE & REINF.
L1
L2

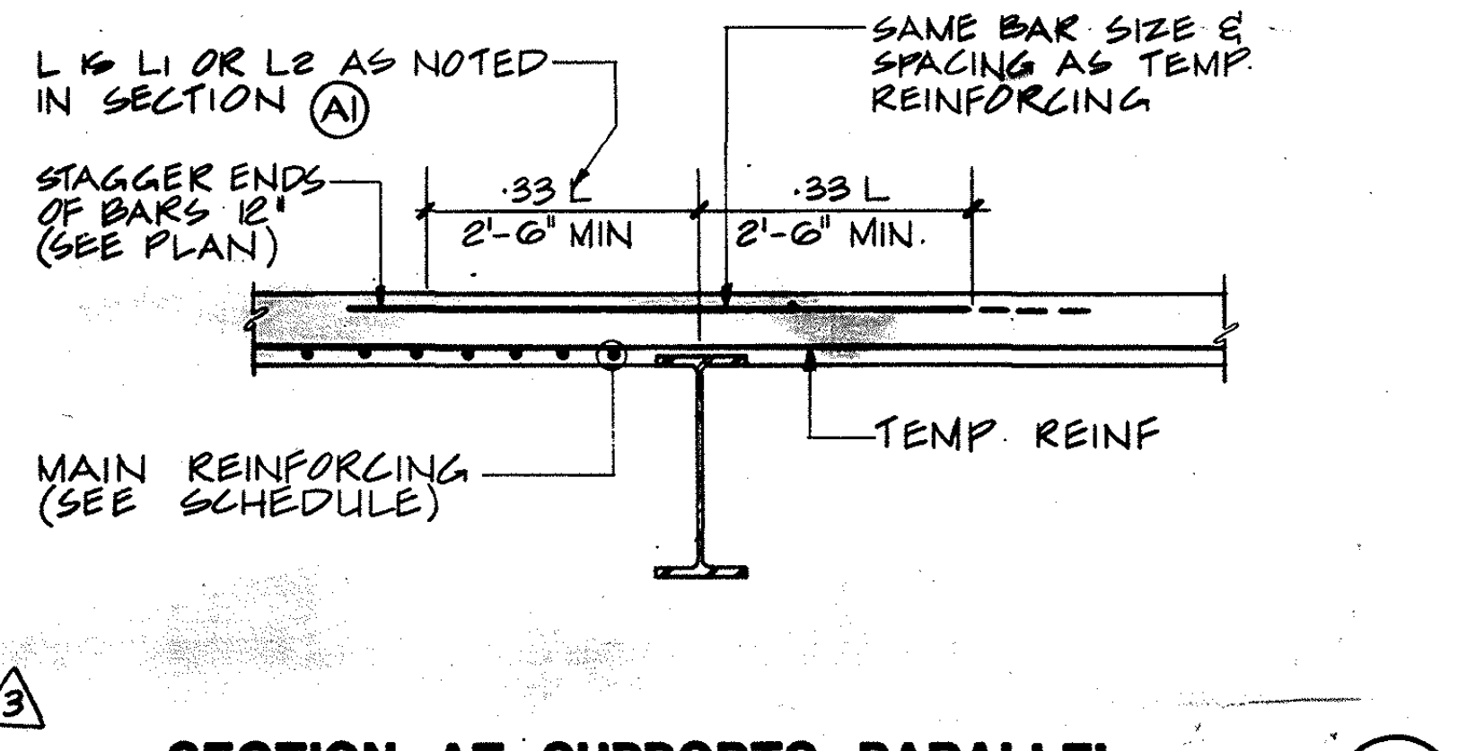
TYPICAL SECTION AT CONCRETE BEAMS (A)


L IS L1 OR L2 AS NOTED IN SECTION (A)
SAME BAR SIZE & SPACING AS MAIN REINFORCING
STAGGER ENDS OF BARS 12" (SEE PLAN)
.25 L
2'-6" MIN.
.25 L
2'-6" MIN.
SEE SCHED.
MAIN REINFORCING (SEE SCHEDULE)
TEMP. REINF. 90° BEND AT WALL OR EDGE OF SLAB
BEAM OR WALL

SECTION AT SUPPORTS PARALLEL TO PRINCIPAL REINFORCING (B)


USE CONTINOUS TOP BARS IF L1<L2 OR <6'-0" ALSO SEE NOTE (2) IN SCHEDULE
GREATER OF SCHEDULED MAIN REINFORCING
L IS GREATER OF L1 OR L2
.30 L1
2'-6" MIN.
.33 L
2'-6" MIN.
.33 L
2'-6" MIN.
3/4" CLR
3" CLR
WALL WHERE OCCUR
#5 SPACERS (TYPICAL)
3/4" CLR
TEMP REINF
MAIN REINF
SEE SCHED. FOR SIZE & SPACING
6×6/#10×#10 E.W.W.M. AT ENCASEMENT WHERE OCCUR SEE PLAN
3"
L1
L2
TYP. R.F.I. #40
3

TYPICAL SECTION AT STEEL BEAMS (A1)


L IS L1 OR L2 AS NOTED IN SECTION (A1)
SAME BAR SIZE & SPACING AS TEMP. REINFORCING
STAGGER ENDS OF BARS 12" (SEE PLAN)
.33 L
2'-6" MIN
.33 L
2'-6" MIN.
MAIN REINFORCING (SEE SCHEDULE)
TEMP. REINF

SECTION AT SUPPORTS PARALLEL TO PRINCIPAL REINFORCING (B1)

TYPICAL ONE WAY SLAB DETAILS

NOTES:

1. ALL BARS UNIFORMLY SPACED U.N.O. (I.E. SEE NOTE 2)
2. DO NOT CUT TOP BARS AT STEEL COLUMNS U.N.O. SPREAD BARS AS REQUIRED TO PASS EQUALLY EACH SIDE. SEE DETAILS E AND F.

FOR TWO WAY-SLAB

3. PLACE N-S BARS OVER E-W BARS TOP AND BOTT. U.N.O.
4. TEMP. REINF. NOT REQUIRED FOR TWO WAY SLABS.
5. SECTIONS A AND A1 APPLICABLE IN BOTH DIRECTIONS.

SLAB REINFORCING SCHEDULE

MARK	THICKNESS "T"	PRINCIPAL REINFORCING	TEMPERATURE REINFORCING	REMARKS
S-1	4½"	#4 @ 12" O.C	#4 @ 18" O.C	
S-2	4½"	#5 @ 12" O.C	#4 @ 18" O.C	
S-3	6"	#5 @ 12" O.C	#4 @ 16" O.C	
S-4 S-4A	7"	#4 @ 12" O.C	#4 @ 18" O.C	@ S-4A CONTINUE TOP EXIST. BARS FROM ADJACENT [illegible]
S-5	7"	#5 @ 12" O.C	#4 @ 18" O.C	
S-6	8½"	#5 @ 12" O.C	#4 @ 18" O.C TOP & BOTTOM	
S-7	10"	#5 @ 10" O.C	#4 @ 16" O.C TOP & BOTTOM	
S-8	10"	#5 @ 6" O.C	do	
S-9	10"	#6 @ 7" O.C	do	

AS BUILT

3 | 8.21.84 | E.F. | R.F.I. #40, C.N. #319

2 | 4/7/83 | RE | DWP VAULT WALL RELOCATION.

1 | 6-1-84 | BLDG. DEPT. CORRECTION

B | 3-1982 | ADDENDUM B

F

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1992
Engineer
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A JOINT VENTURE

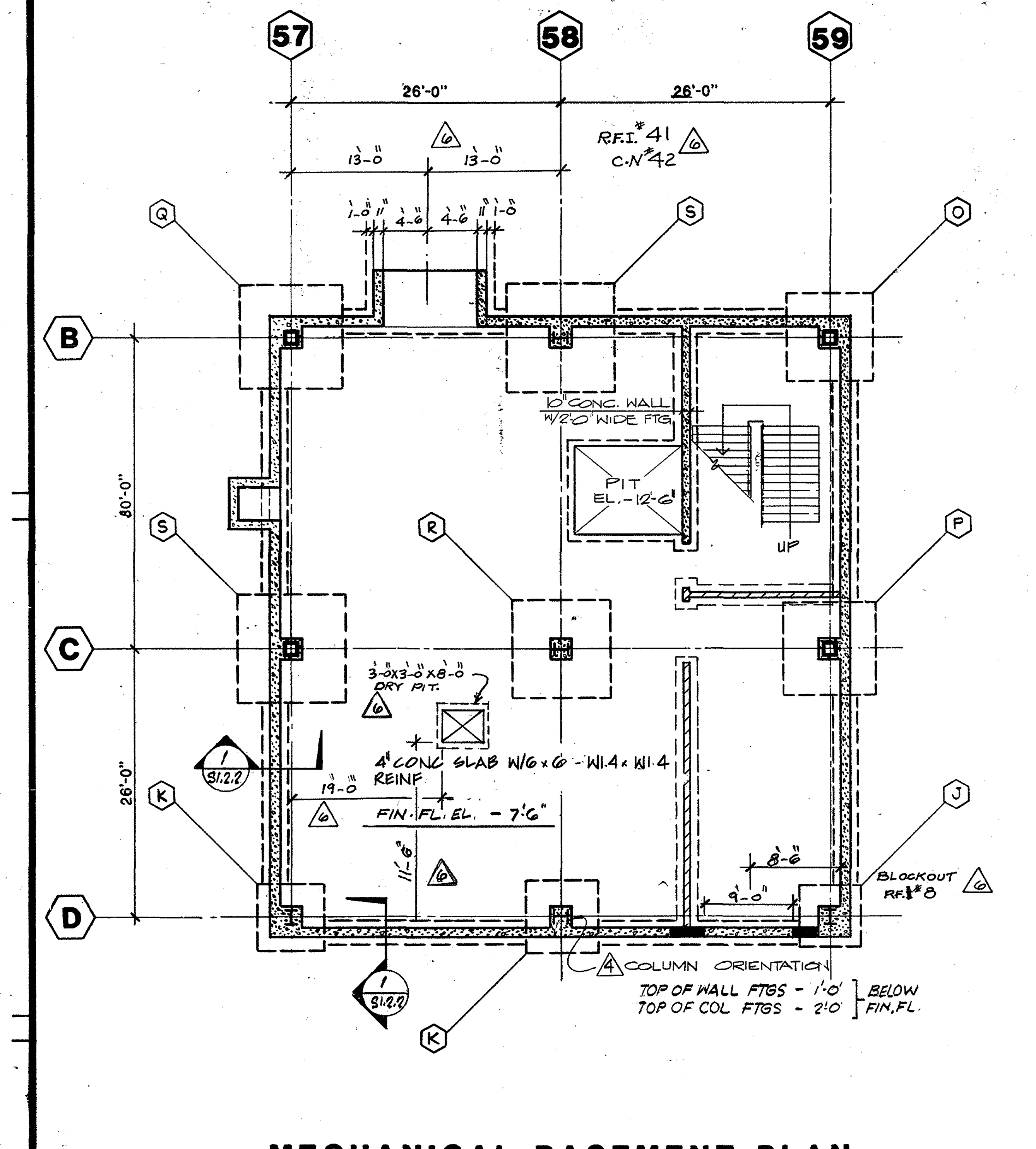
City of Los Angeles Department of Airports
Date FFB 3, 1982

West Terminal
Los Angeles International Airport

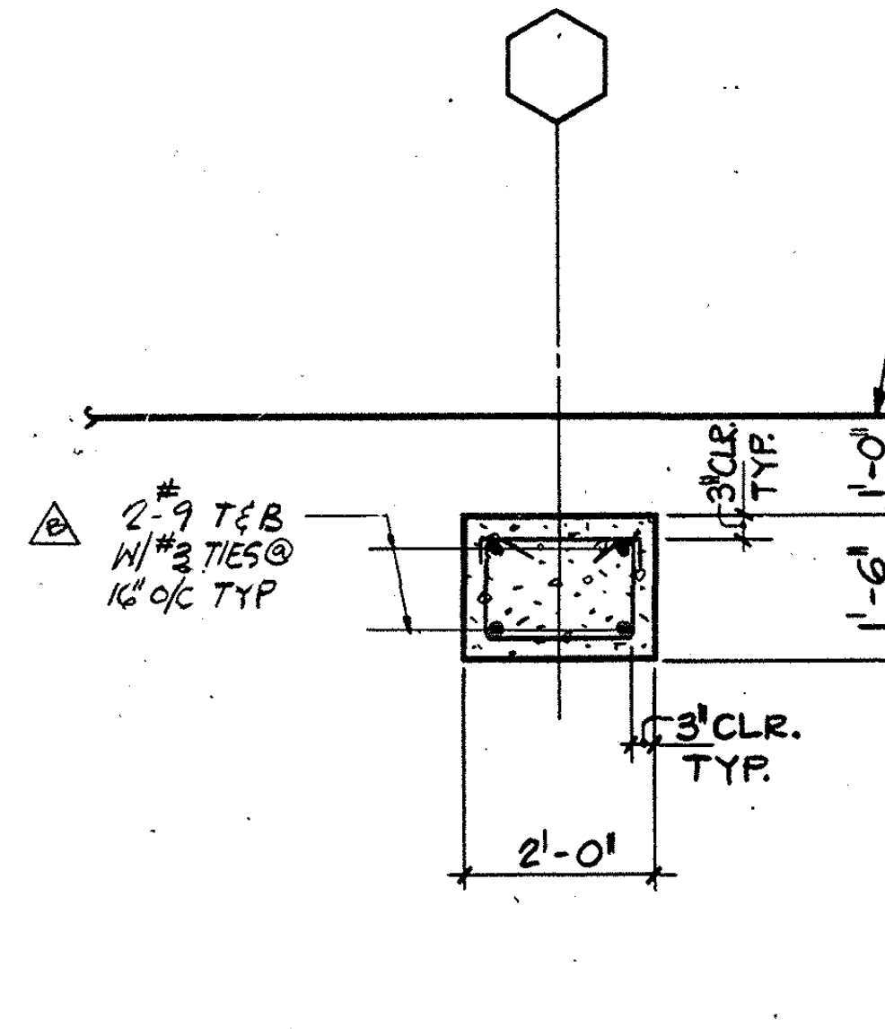
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: CONCRETE BEAM & SLAB SCHEDULES & DETAILS
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

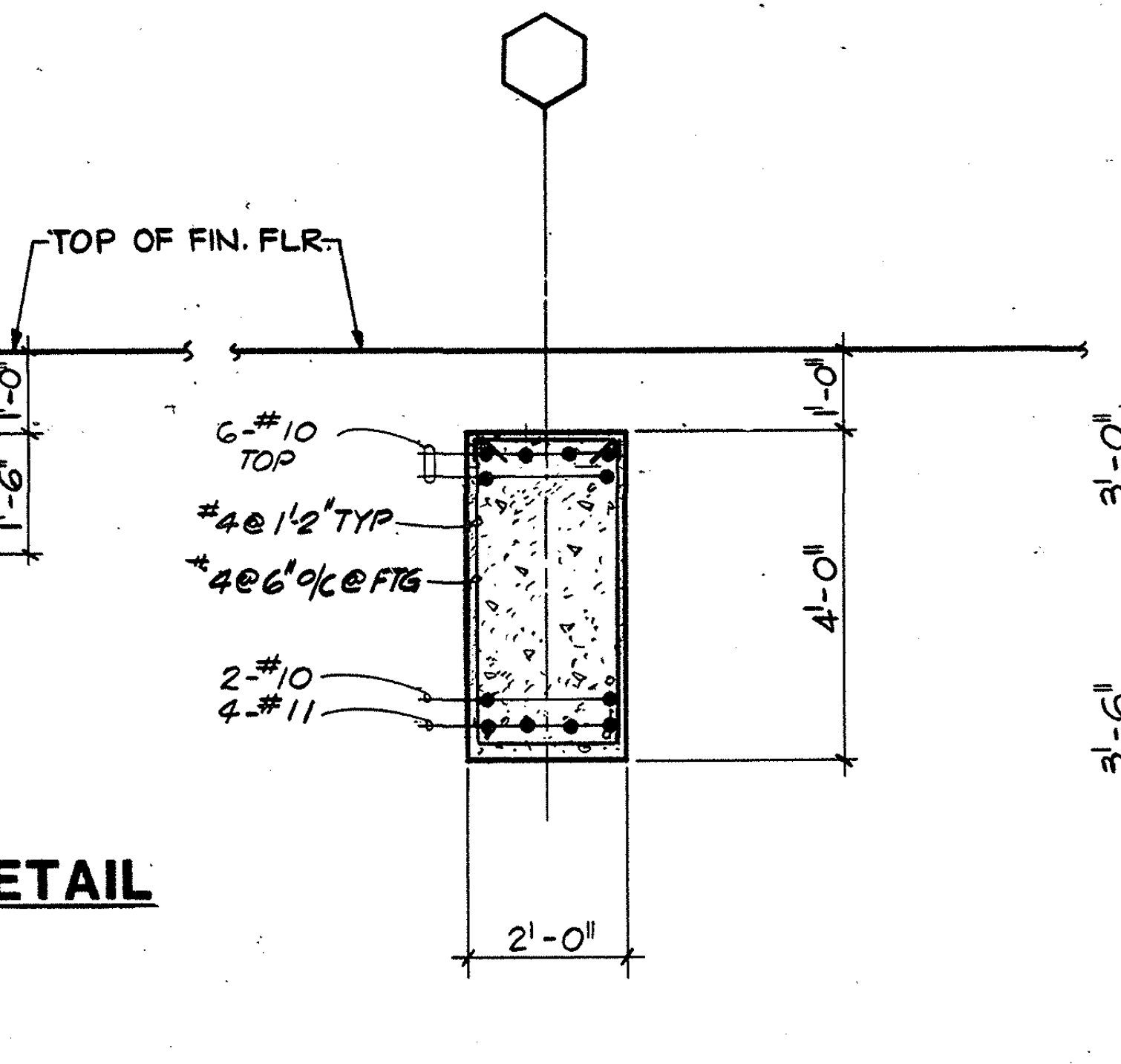
Drawing No.
S1.2.3
Sheet of Sheets


57
58
59
26'-0"
26'-0"
R.F.I.#41
C.N.#42
13'-0"
13'-0"
B
C
D
10" CONC. WALL W/2'-0" WIDE FTG.
PIT EL. -12'-6"
UP
3'-0"x3'-0"x8'-0" DRY PIT
4" CONC. SLAB W/6x6 - W1.4 x W1.4 REINF
FIN. FL. EL. - 7'-6"
BLOCKOUT RFI#8
COLUMN ORIENTATION
TOP OF WALL FTGS - 1'-0" BELOW FIN. FL.
TOP OF COL FTGS - 2'-0" BELOW FIN. FL.
Q
S
O
R
P
K
J
1 S1.2.2

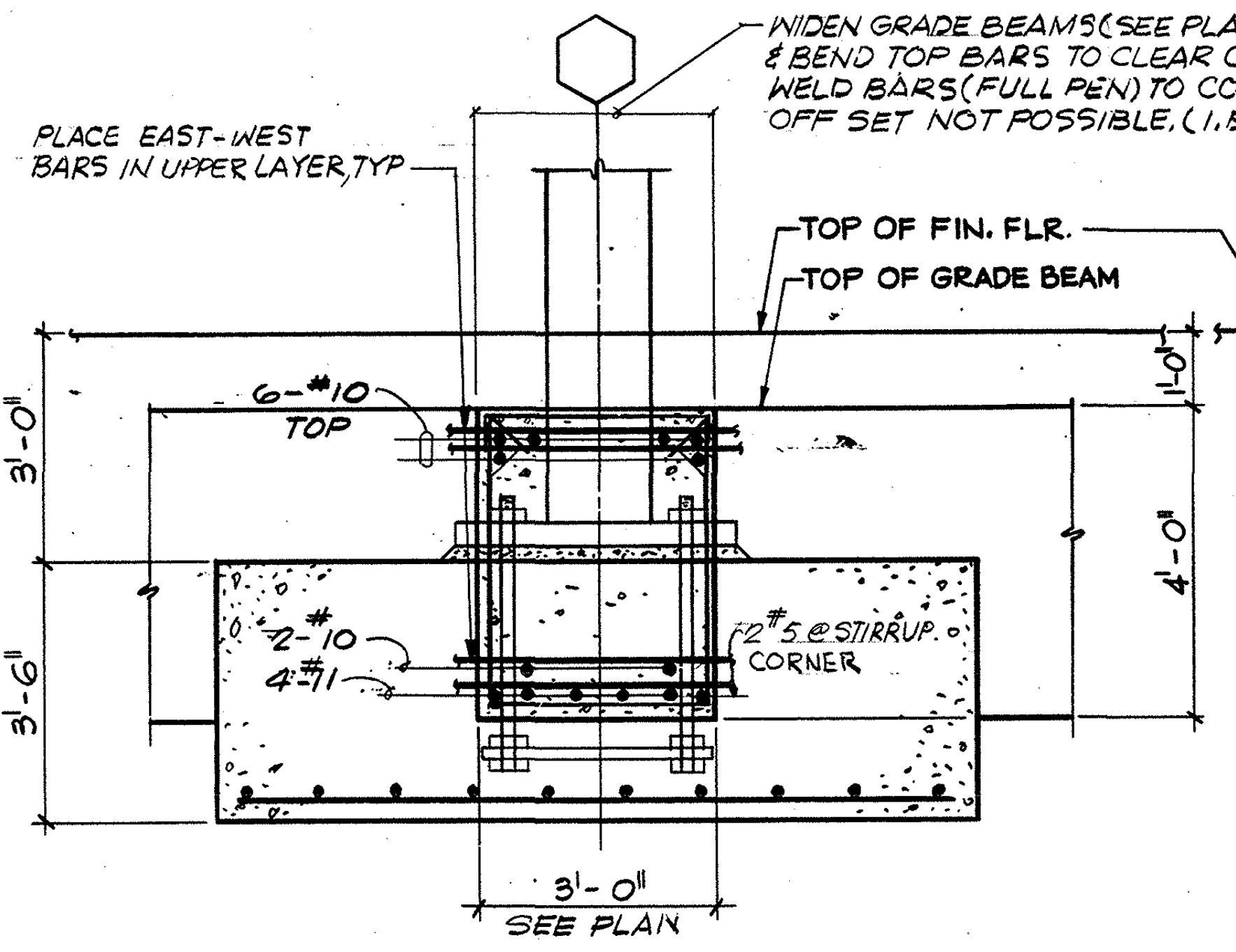
MECHANICAL BASEMENT PLAN
SCALE: 1/8" = 1'-0"



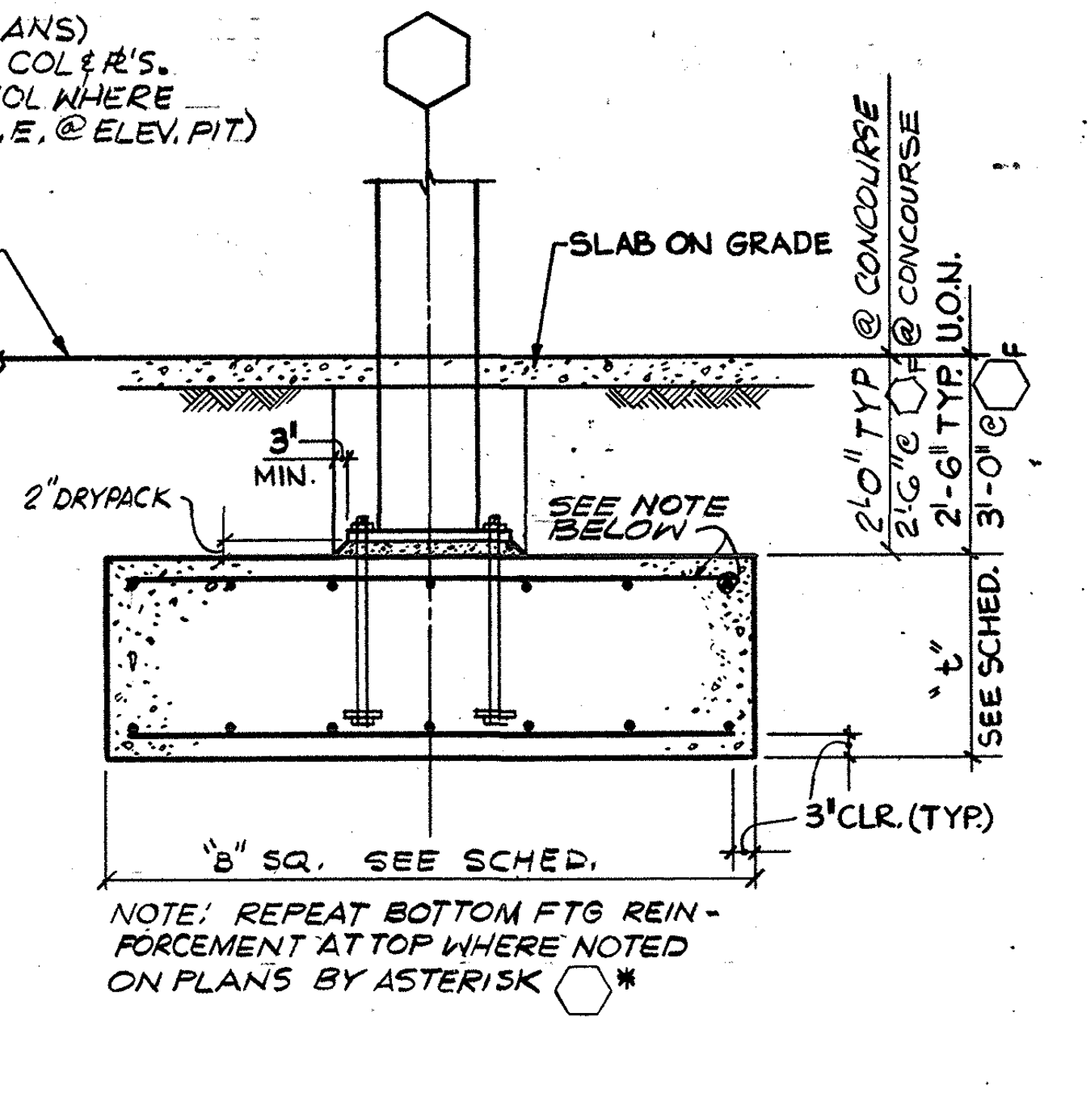
TYPICAL TIE BEAM DETAIL
SCALE: 1/2" = 1'-0"



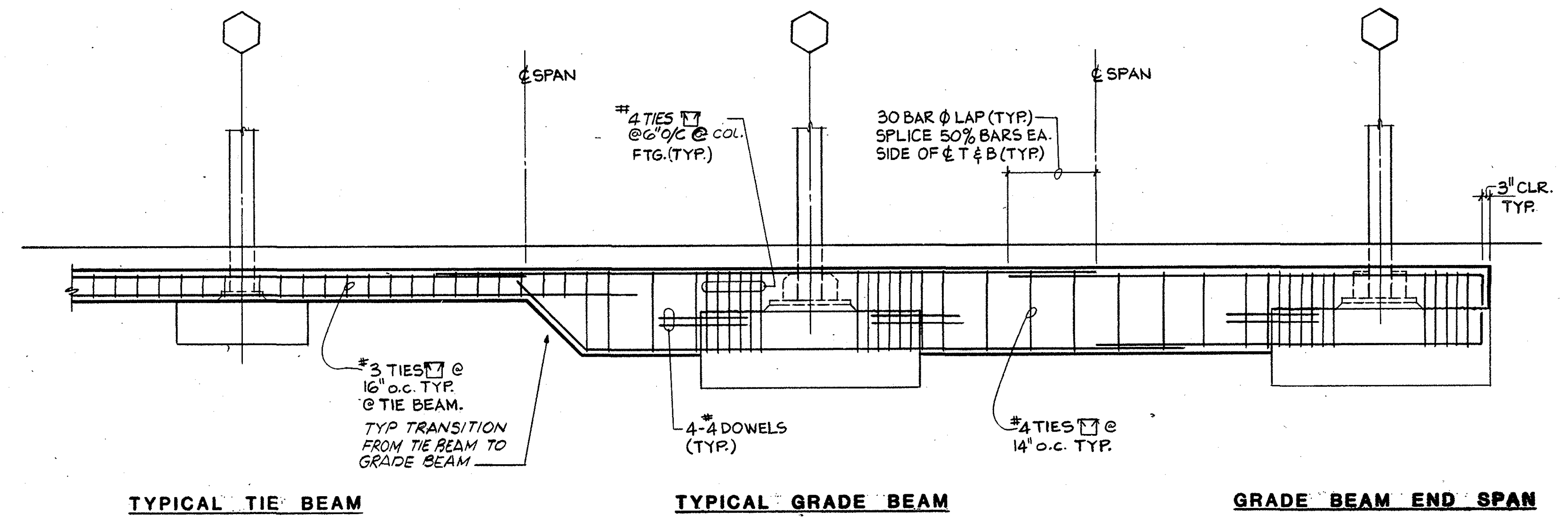
TYPICAL GRADE BEAM DETAIL
SCALE: 1/2" = 1'-0"


WIDEN GRADE BEAMS (SEE PLANS) & BEND TOP BARS TO CLEAR COL. R'S. WELD BARS (FULL PEN) TO COL WHERE OFF SET NOT POSSIBLE. (I.E. @ ELEV. PIT)
PLACE EAST-WEST BARS IN UPPER LAYER, TYP
TOP OF FIN. FLR.
TOP OF GRADE BEAM
6-#10 TOP
2-#10
4-#11
#5 @ STIRRUP @ CORNER
3'-0"
3'-6"
4'-0"
1'-0"
3'-0"
SEE PLAN

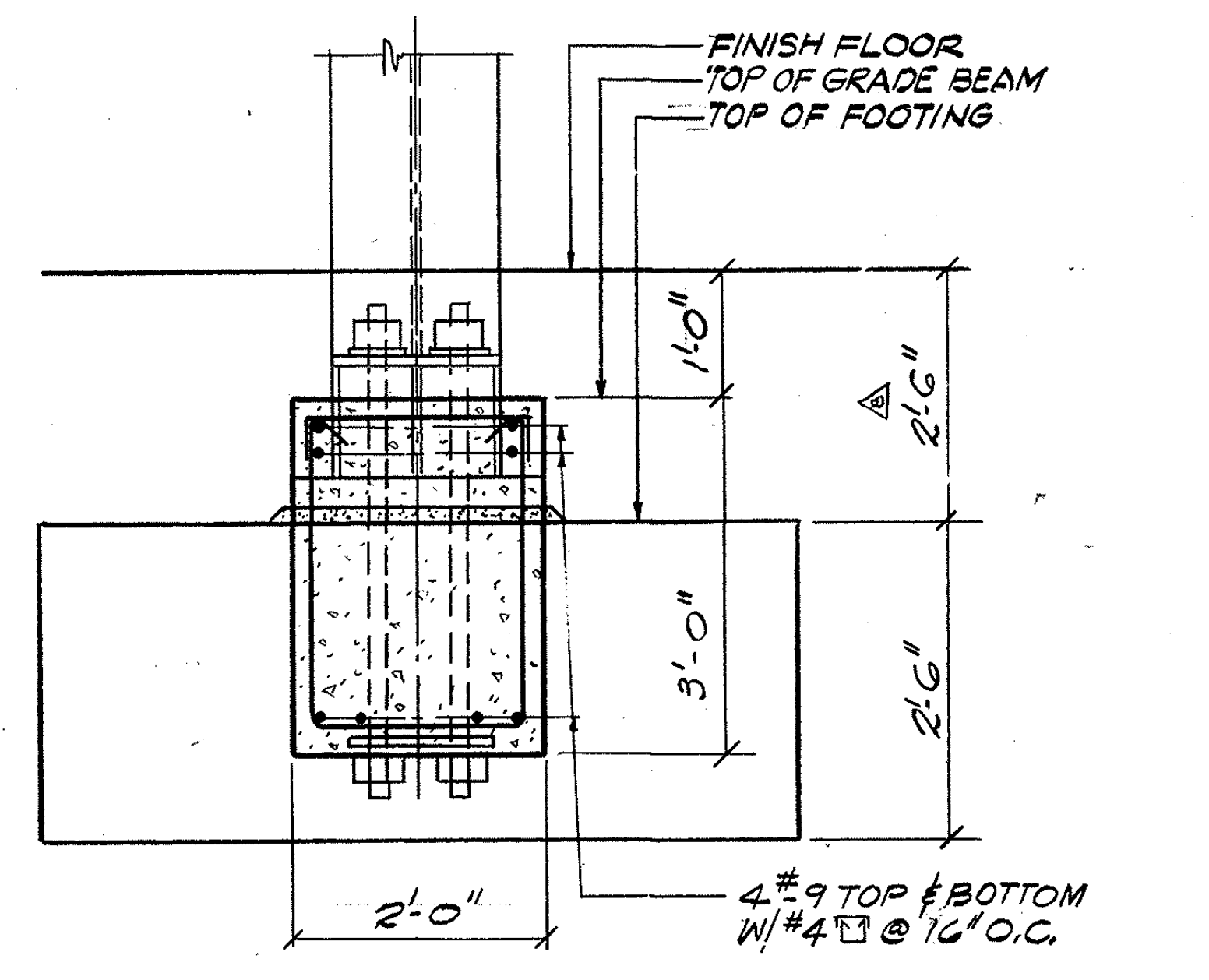
GRADE BEAM AT COLUMNS
SCALE: 1/2" = 1'-0"



TYPICAL FOOTING DETAIL
SCALE: 1/2" = 1'-0"


℄ SPAN
℄ SPAN
#4 TIES @ 6" o/c @ COL. FTG. (TYP.)
30 BAR ∅ LAP (TYP.) SPLICE 50% BARS EA. SIDE OF ℄ T & B (TYP)
3" CLR. TYP.
#3 TIES @ 16" o.c. TYP. @ TIE BEAM.
TYP. TRANSITION FROM TIE BEAM TO GRADE BEAM
4-#4 DOWELS (TYP.)
#4 TIES @ 14" o.c. TYP.
TYPICAL TIE BEAM
TYPICAL GRADE BEAM
GRADE BEAM END SPAN

ELEVATION-TIE BEAM & GRADE BEAM
SCALE: 1/4" = 1'-0"



CONCOURSE GRADE BEAM

FOOTING SCHEDULE △B

MARK	SIZE "B"	THICKNESS "t"	REINFORCING EACH WAY	REMARKS
A	2'-0"	2'-0"	—	
B	2'-6"	2'-0"	—	
C	3'-0"	2'-0"	—	
D	3'-6"	2'-0"	—	
E	4'-0"	2'-0"	4-#4	
F	4'-6"	2'-0"	5-#4	
G	5'-0"	2'-0"	5-#5	
GF	5'-0"	3'-6"	5-#5	
H	5'-6"	2'-0"	6-#6	
HF	5'-6"	3'-6"	6-#6	
I	6'-0"	2'-0"	6-#7	
IF	6'-0"	3'-6"	6-#7	
J	6'-6"	2'-0"	8-#7	
JF	6'-6"	3'-6"	8-#7	
K	7'-0"	2'-0"	8-#8	
KF	7'-0"	3'-6"	8-#8	
L	7'-6"	2'-6"	8-#8	
LF	7'-6"	3'-6"	8-#8	△6 C.N.#163
M	8'-0"	2'-6"	8-#8	
MF	8'-0"	3'-6"	8-#8	
N	8'-6"	2'-6"	8-#9	
NF	8'-6"	3'-6"	8-#9	
O	9'-0"	2'-6"	9-#9	
OF	9'-0"	3'-6"	9-#9	△6 C.N.#163
P	9'-6"	3'-0"	9-#9	
PF	9'-6"	3'-6"	9-#9	
Q	10'-0"	3'-0"	10-#9	
QF	10'-0"	3'-6"	10-#9	
R	10'-6"	3'-0"	11-#9	
RF	10'-6"	3'-6"	11-#9	
S	11'-0"	3'-0"	11-#10	
SF	11'-0"	3'-6"	11-#10	
T	11'-6"	3'-6"	11-#10	
TF	11'-6"	3'-6"	11-#10	
U	12'-0"	3'-6"	12-#10	
UF	12'-0"	3'-6"	12-#10	
V	12'-6"	3'-6"	13-#10	
VF	12'-6"	3'-6"	13-#10	
W	13'-0"	3'-6"	15-#10	
WF	13'-0"	3'-6"	15-#10	△3
X	7'-0" x 5'-0"	2'-0"	9-#6 (SHORT DIR) 6-#6 (LONG DIR)	2'-6" THK. XF

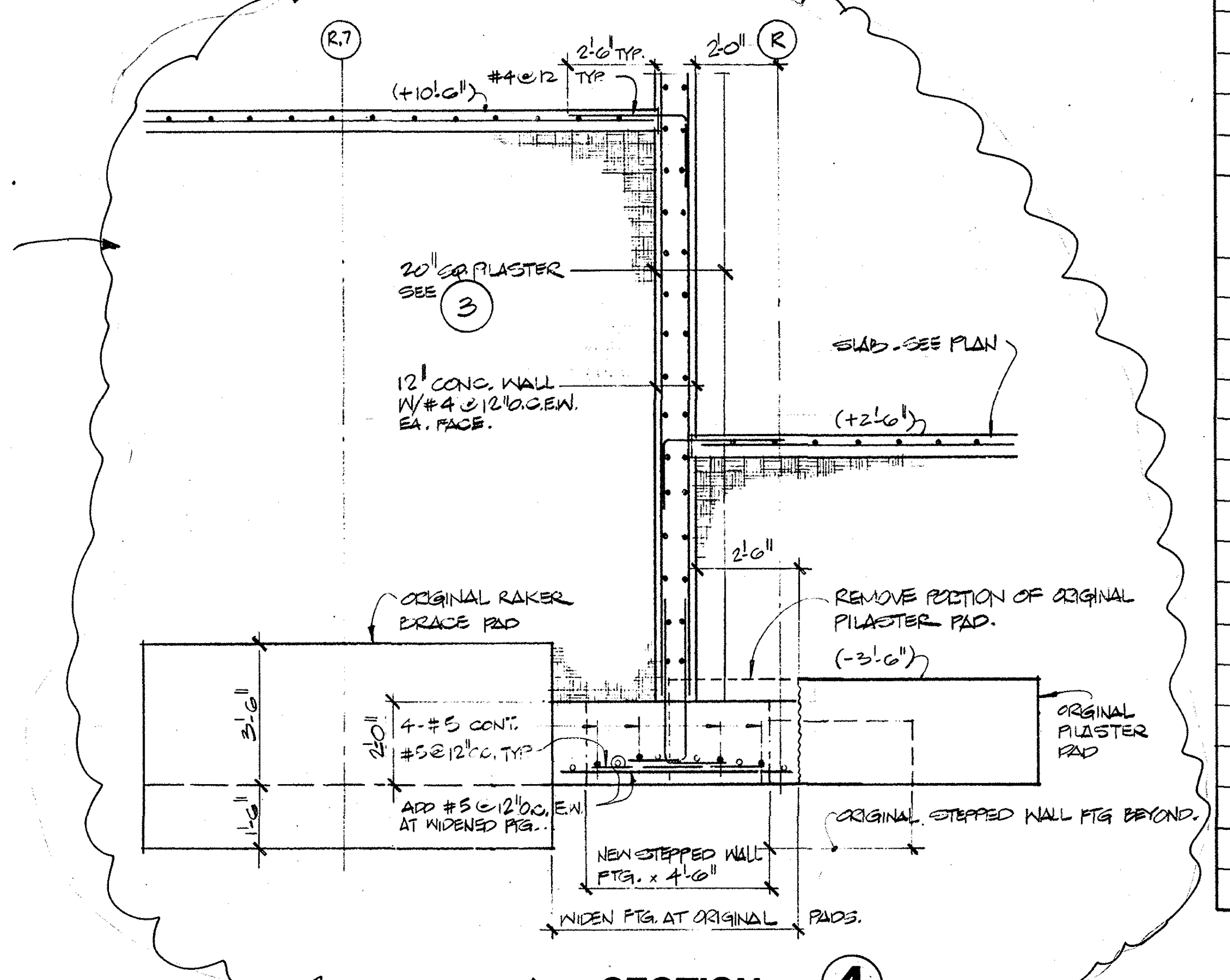
CONCOURSE FOOTINGS

MARK	SIZE "B"	THICKNESS "t"	REINFORCING EACH WAY	REMARKS
AA	2'-6"	1'-0"	3-#4	
BB	3'-0"	1'-0"	3-#4	
CC	3'-6"	1'-0"	4-#4	
DD	4'-0"	1'-4"	4-#4	
DDF	4'-0"	2'-6"	4-#4	
EE	4'-6"	1'-4"	4-#5	
EEF	4'-6"	2'-6"	4#5	
FF	5'-0"	1'-6"	6-#5	
FFF	5'-0"	2'-6"	6-#5	
GG	5'-6"	1'-6"	6-#6	
GGF	5'-6"	2'-6"	6-#6	
HH	6'-0"	1'-10"	8-#6	
HHF	6-0"	2'-6"	8-#6	
JJ	6'-6"	1'-10"	9-#6	
JJF	6'-6"	2'-6"	9-#6	
KK	7'-0"	2'-0"	8-#8	

⬡F DESIGNATE FOOTING AT RIGID FRAME COLUMN

⬡ SEE TYPICAL FOOTING DETAILS

△3 ( ) DENOTES ELEVATION OF FOOTINGS ON PLAN BASED ON 0'-0" DATUM ⊕

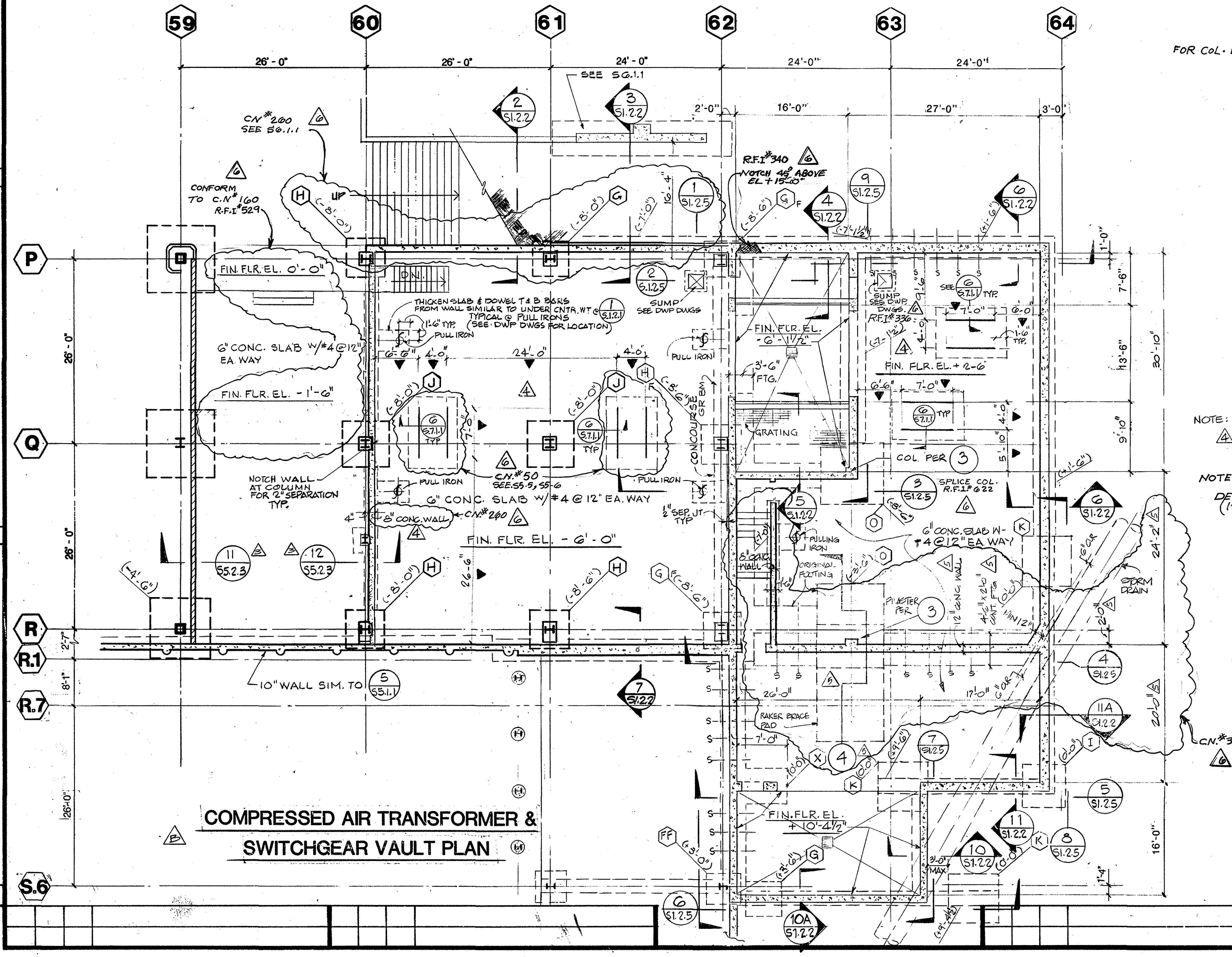

R.7
R
(+10'-6")
#4 @ 12" TYP.
2'-6" TYP.
2'-0"
CN.#319
20" GR. PILASTER SEE 3
12" CONC. WALL W/#4 @ 12" O.C.E.W. EA. FACE.
SLAB - SEE PLAN
(+2'-6")
REMOVE PORTION OF ORIGINAL PILASTER PAD.
(-3'-6")
ORIGINAL RAKER BRACE PAD
ORIGINAL PILASTER PAD
4-#5 CONT.
#5 @ 12" O.C. TYP.
ADD #5 @ 12" O.C. EW AT WIDENED FTG.
NEW STEPPED WALL FTG. x 4'-0"
ORIGINAL STEPPED WALL FTG BEYOND.
WIDEN FTG. AT ORIGINAL PADS.
2'-0"
3'-0"

△ SECTION ④
3/8" = 1'-0"

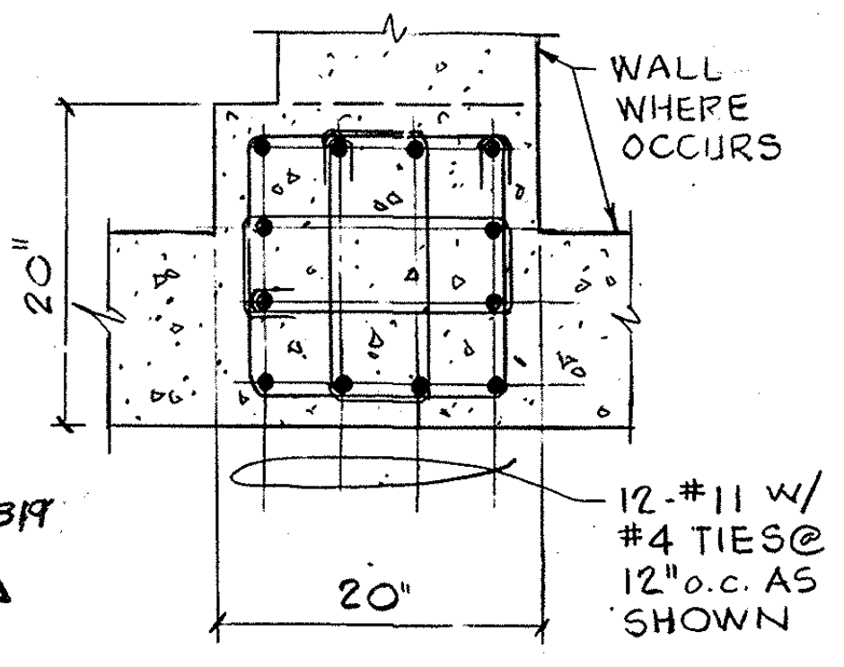
FOR COL. ENCASEMENT SEE: CN#37 (R.F.I.#44) △6

NOTE: ▲ INDICATES DIMENSION TO BE VERIFIED WITH DWP DRAWINGS

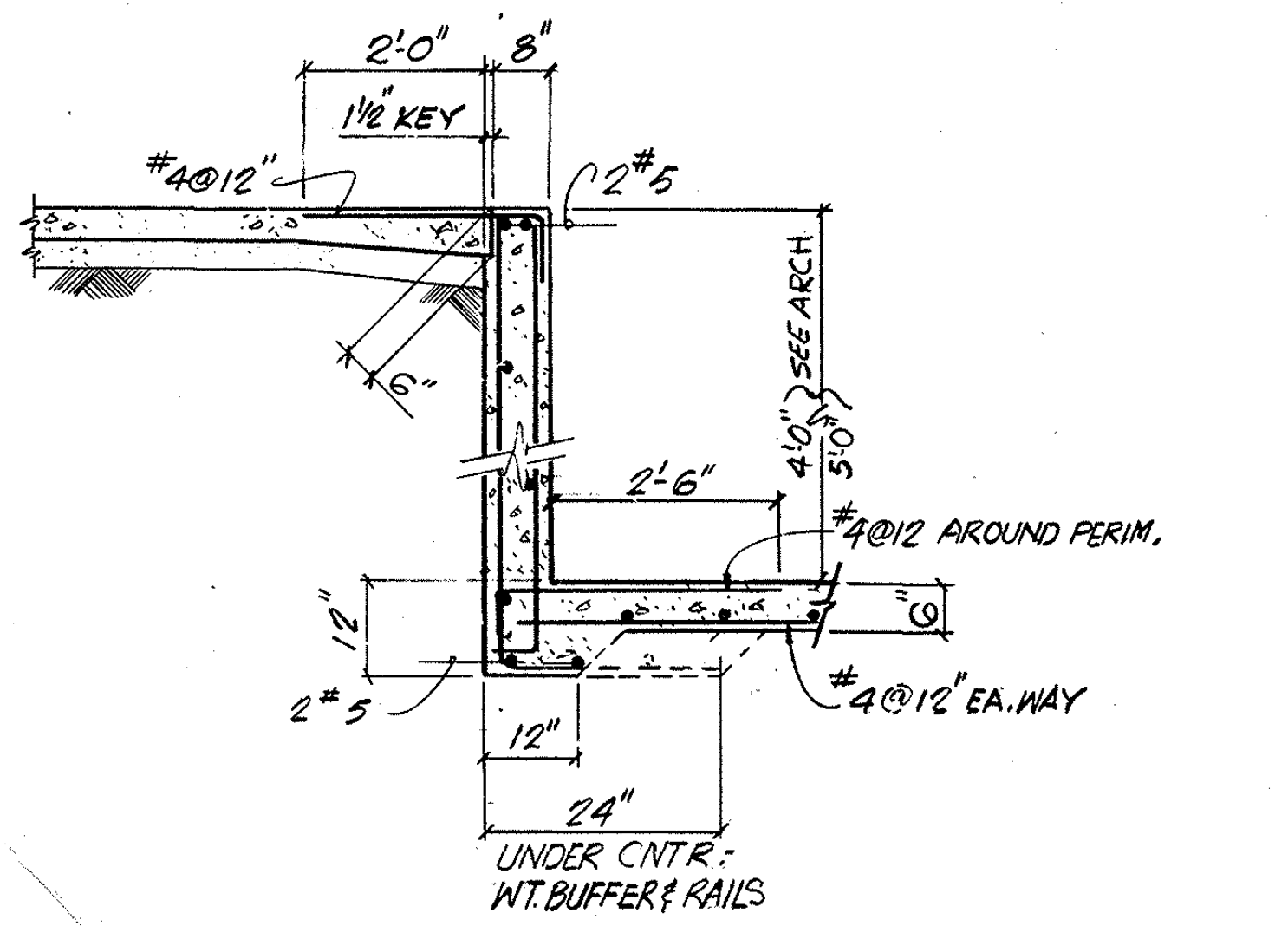
NOTE:
DETAIL 6/S1.1.1 IS DETAIL S5.6 (ISSUED WITH CN.#50)



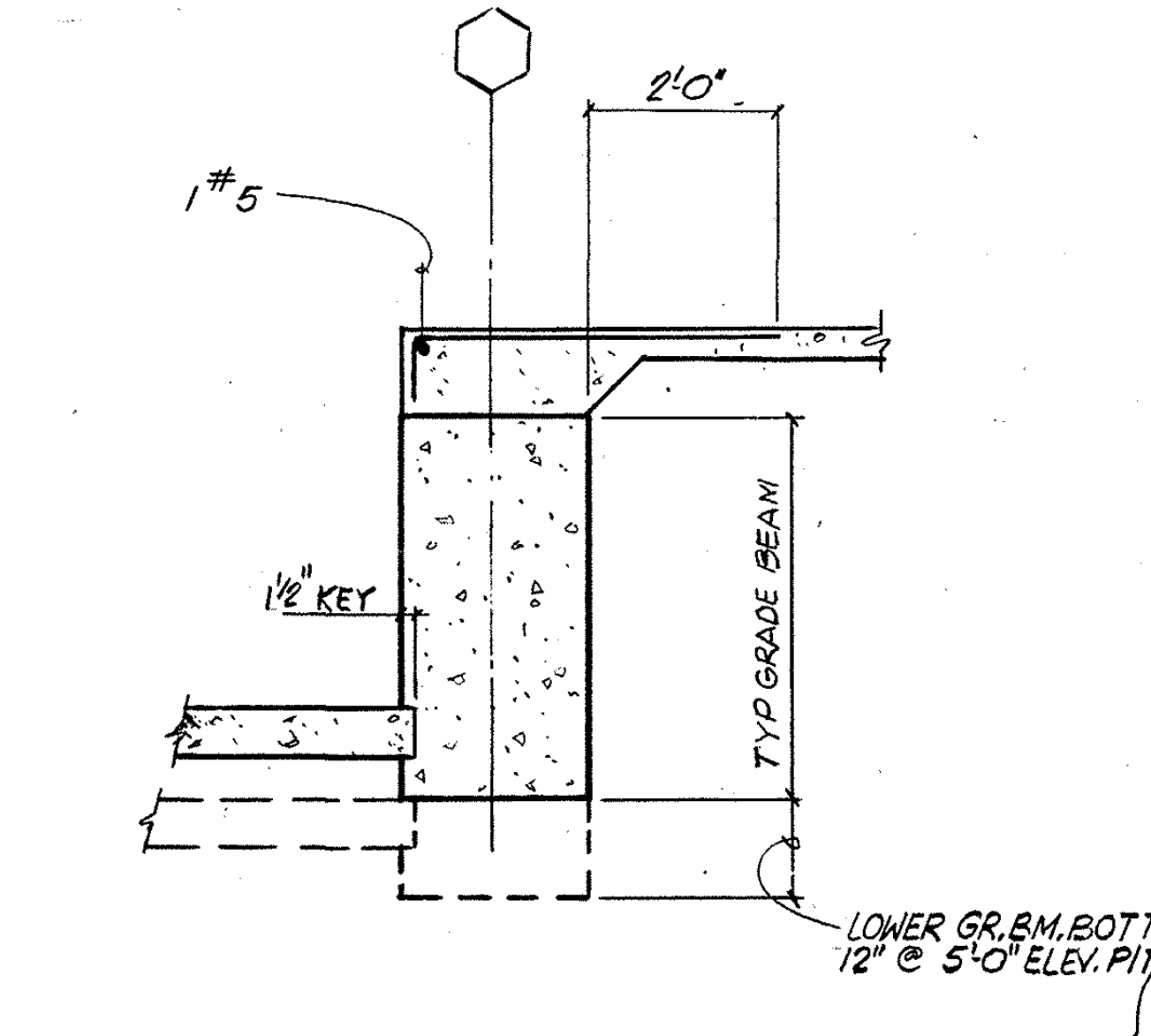
COMPRESSED AIR TRANSFORMER & SWITCHGEAR VAULT PLAN



COLUMN DETAIL ③ △B



TYPICAL ① △B



@ GRADE BEAM ② △B

C.O. № 319 △6

ELEVATOR PIT SECTIONS

△3	6.1.82		GENERAL COORDINATION	△5	4/7/83	RE	DWP VAULT WALL RELOCATION.	△B	3.19.82		ADDENDUM B	F
△4	2-4.83		DWP REQUIREMENTS & AS BUILT COORDINATION	△6	8/20.84	E.F.	CN#42,50,160,260,319,163. RFI# 8,336,340,529,622.					

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
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STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
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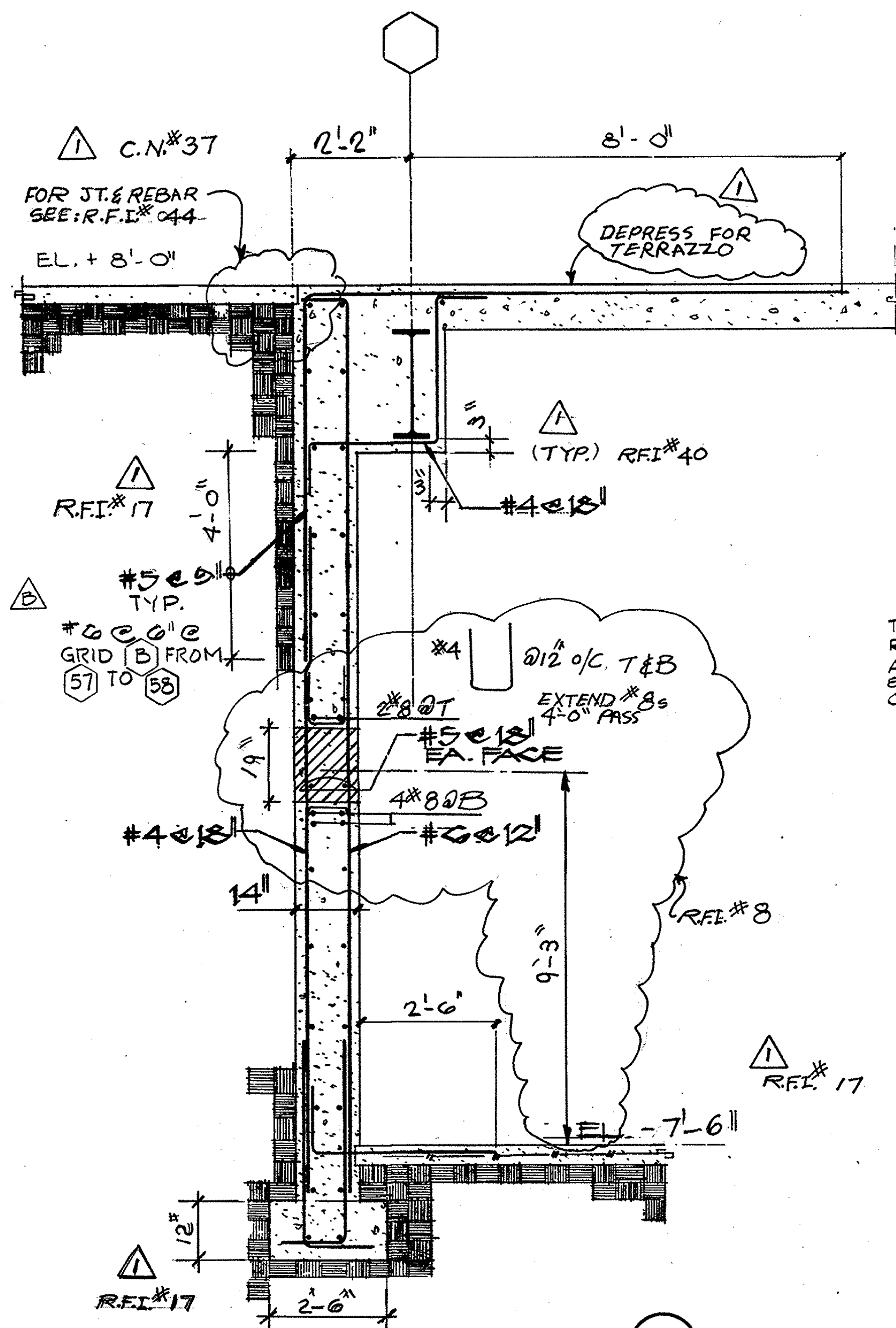
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FOOTING SCHEDULE & TYPICAL FOUNDATION DETAILS
Department of Airports Drawing No. 82001-600
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000
Drawing No. S1.2.1
Sheet of Sheets



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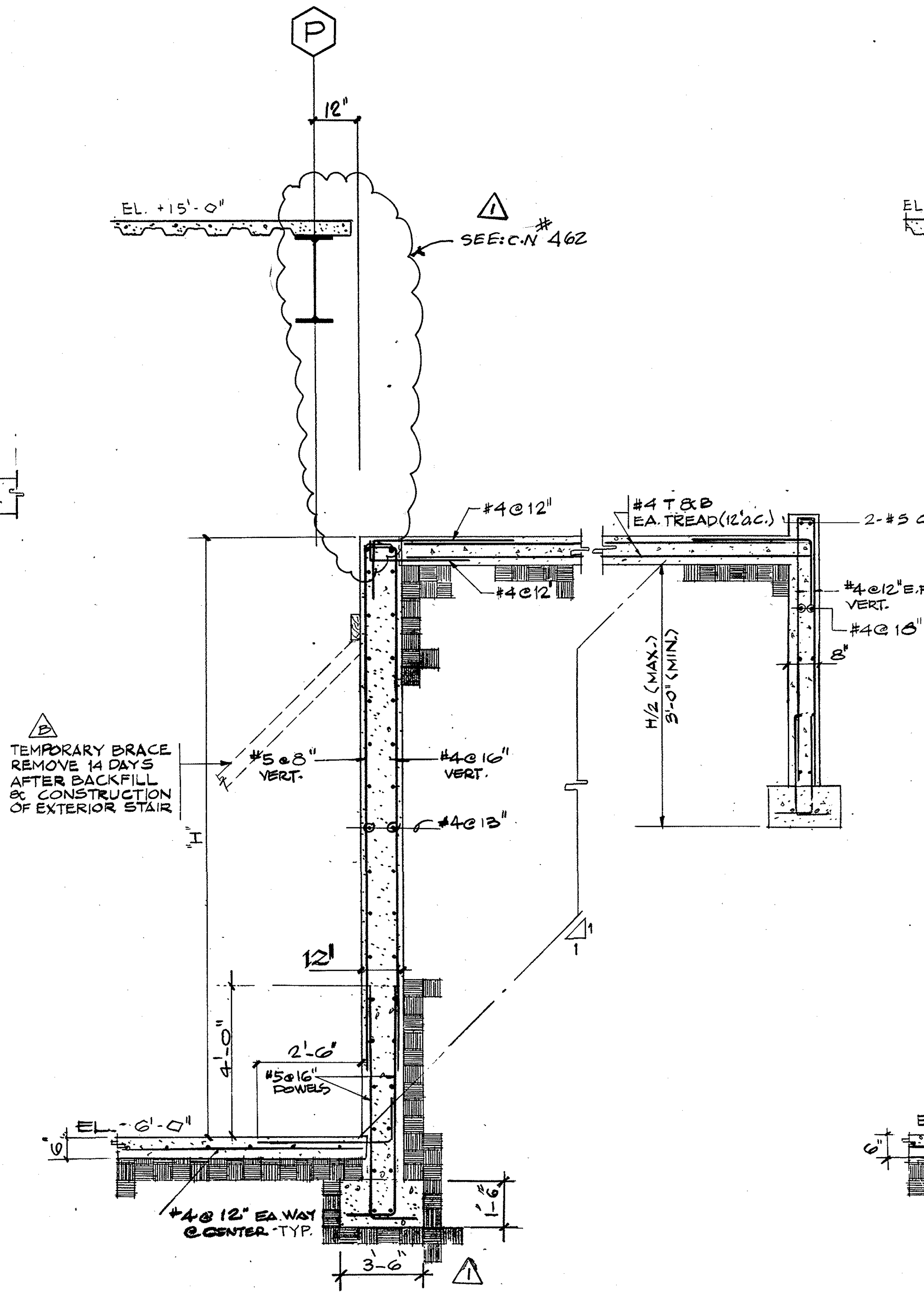
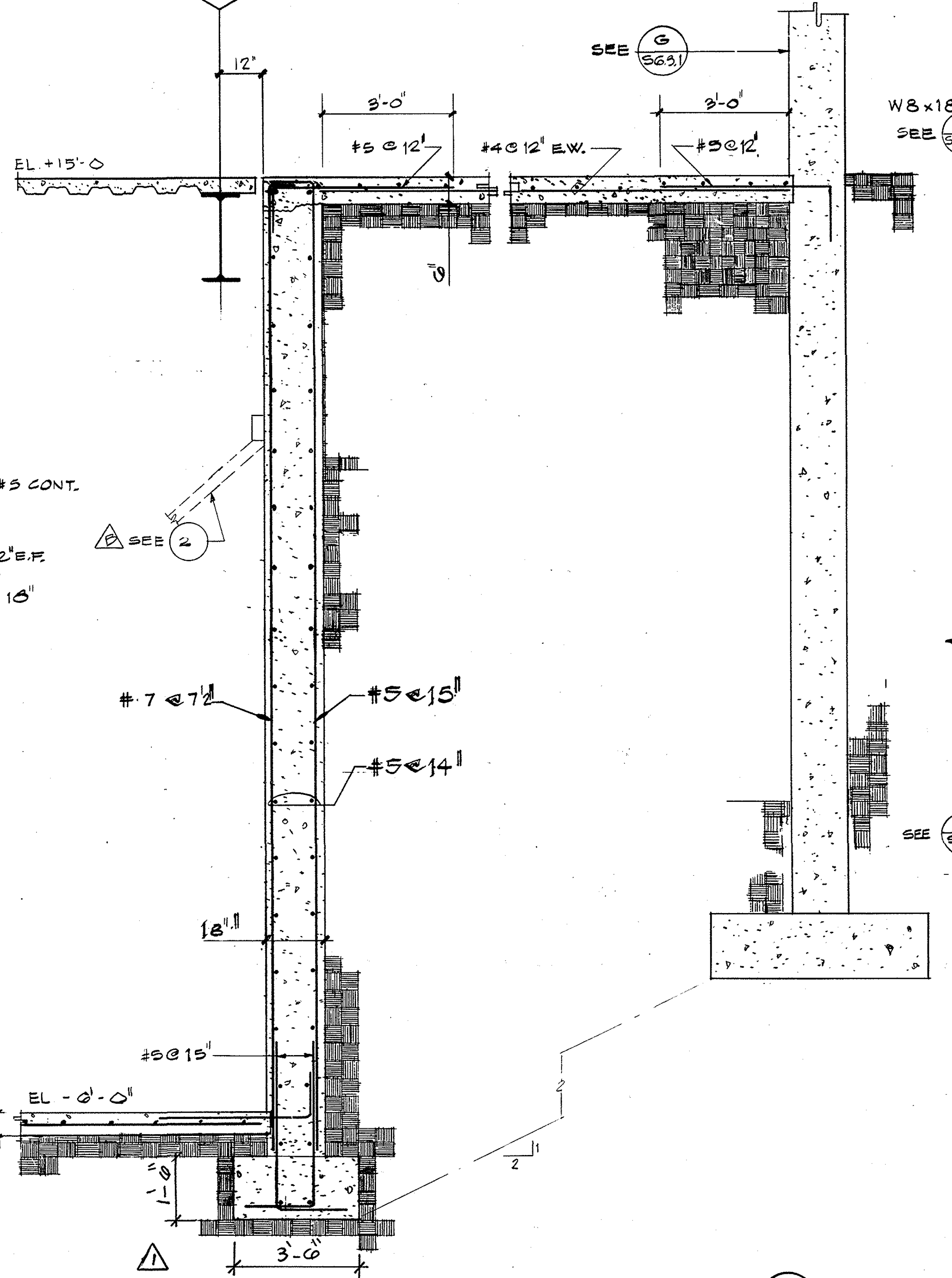
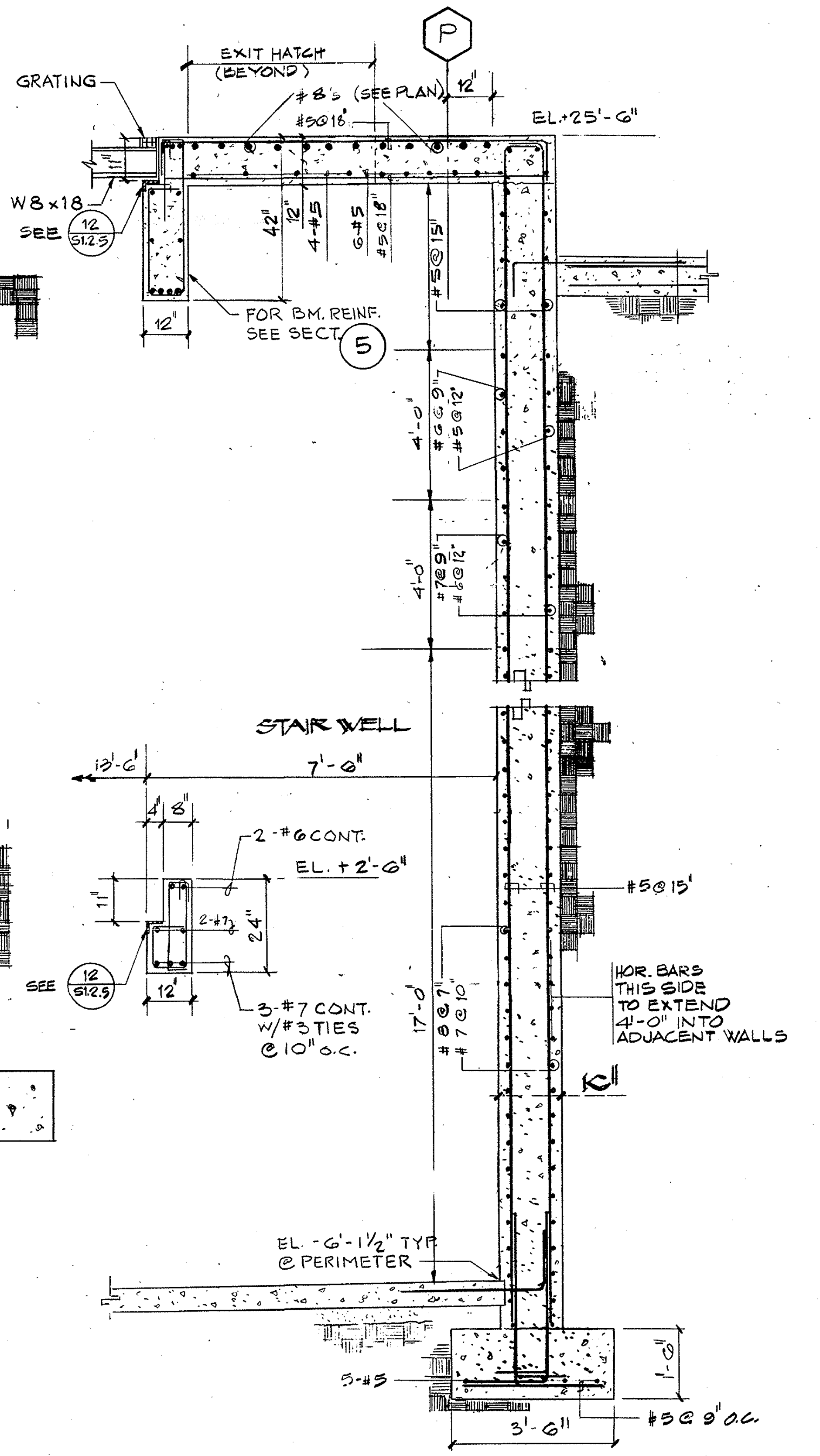


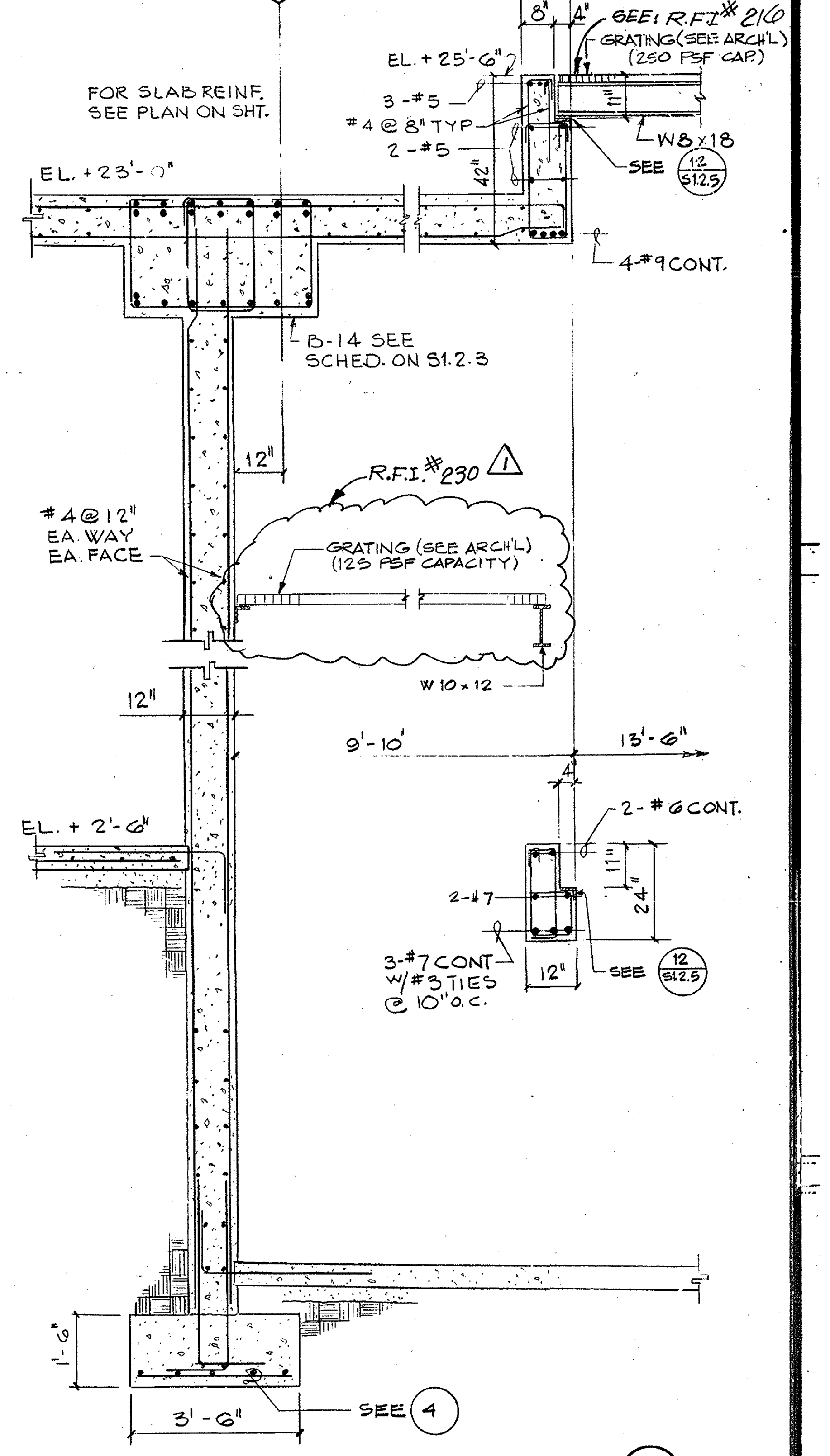
2



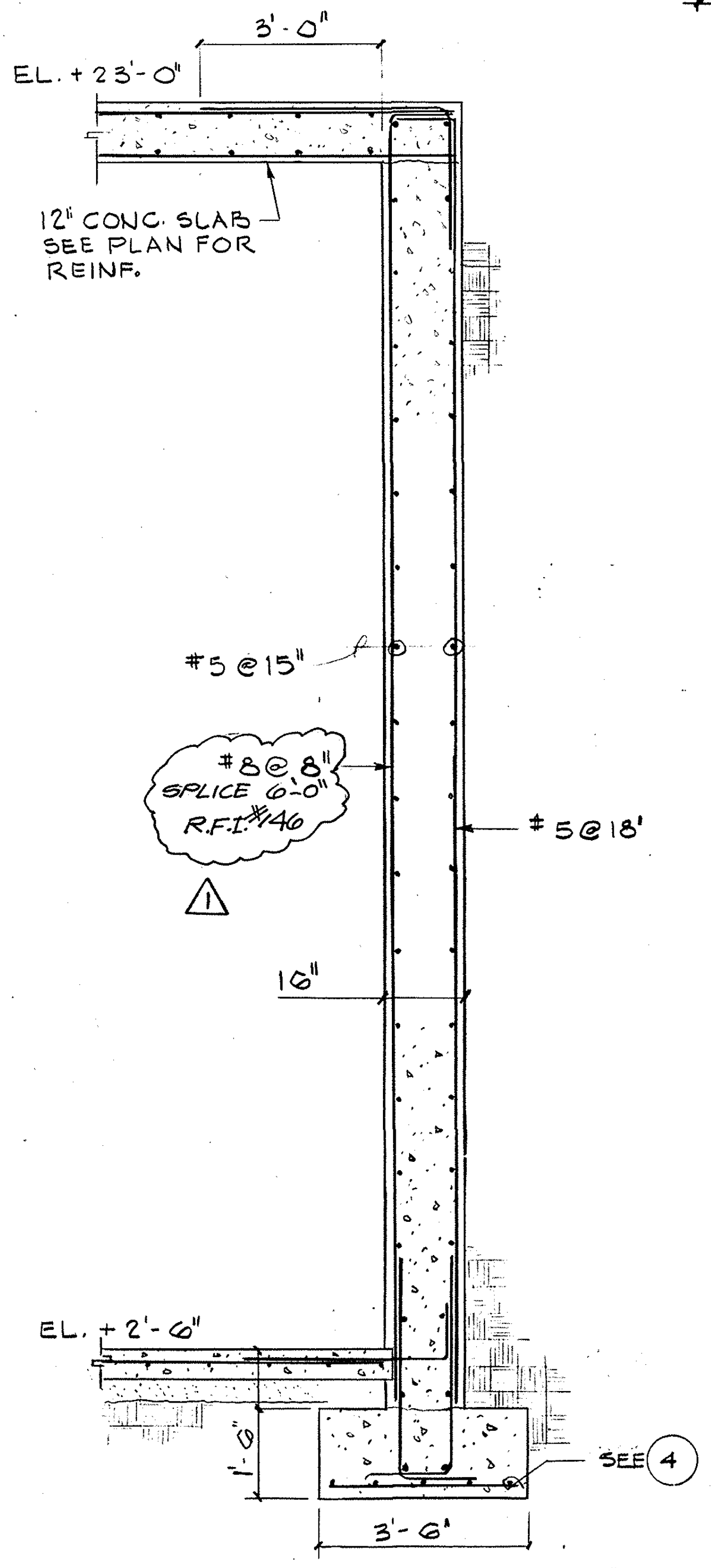
3



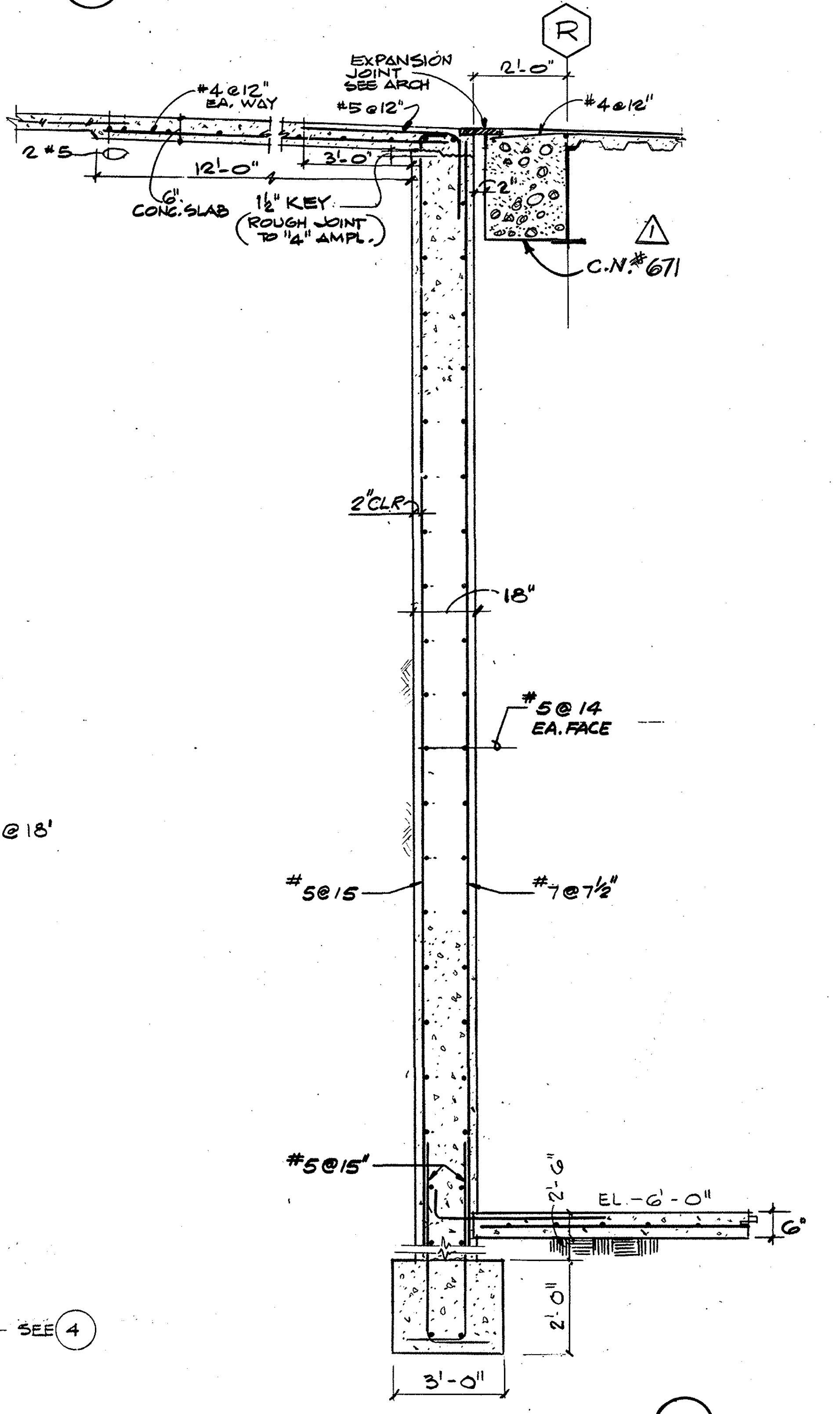
4



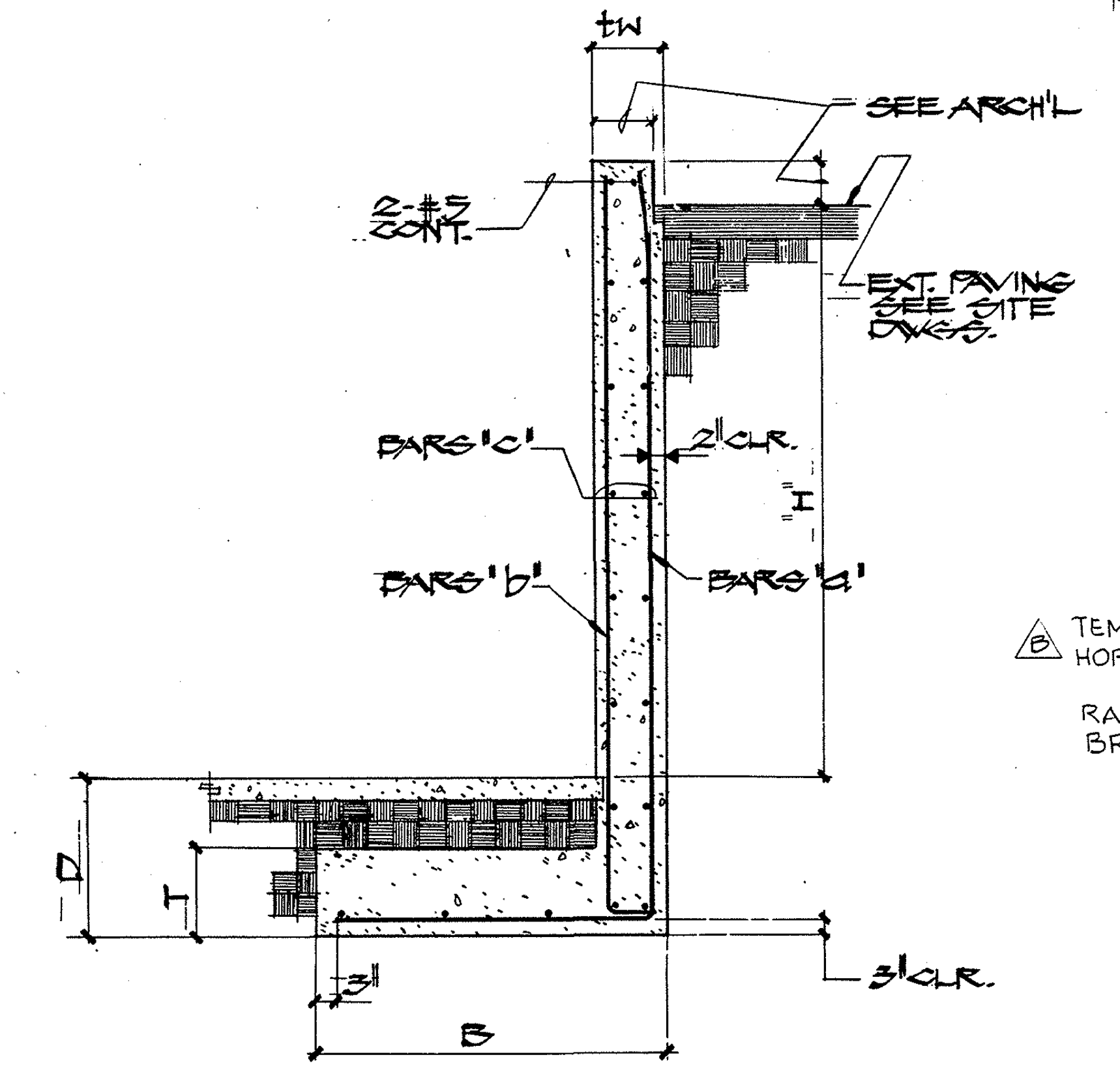
5


3'-0"
EL. +23'-0"
12" CONC. SLAB SEE PLAN FOR REINF.
#5@15"
#8@8" SPLICE 6'-0" R.F.I.#146
#5@18"
16"
EL. +2'-6"
SEE 4
3'-6"

6



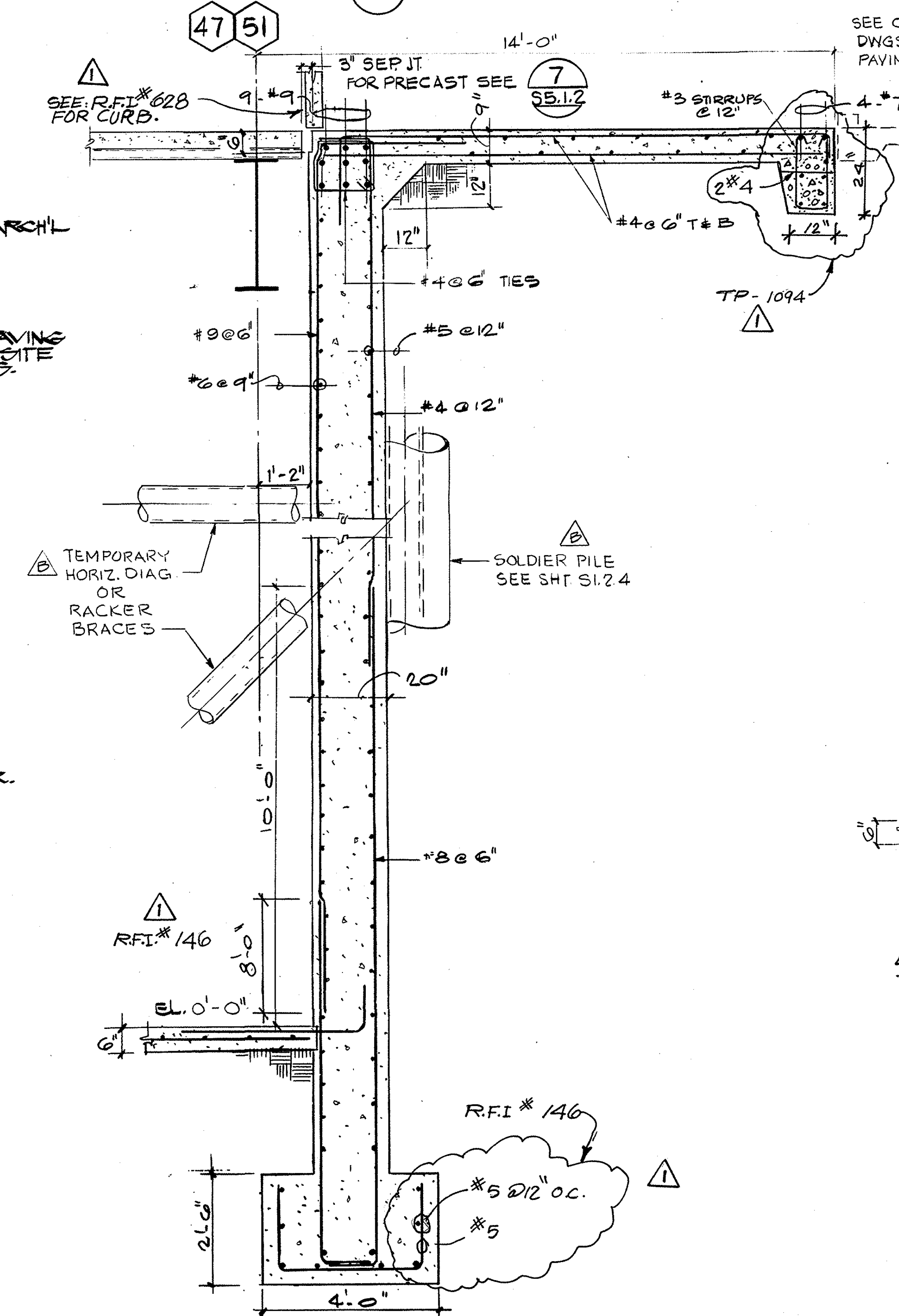
7



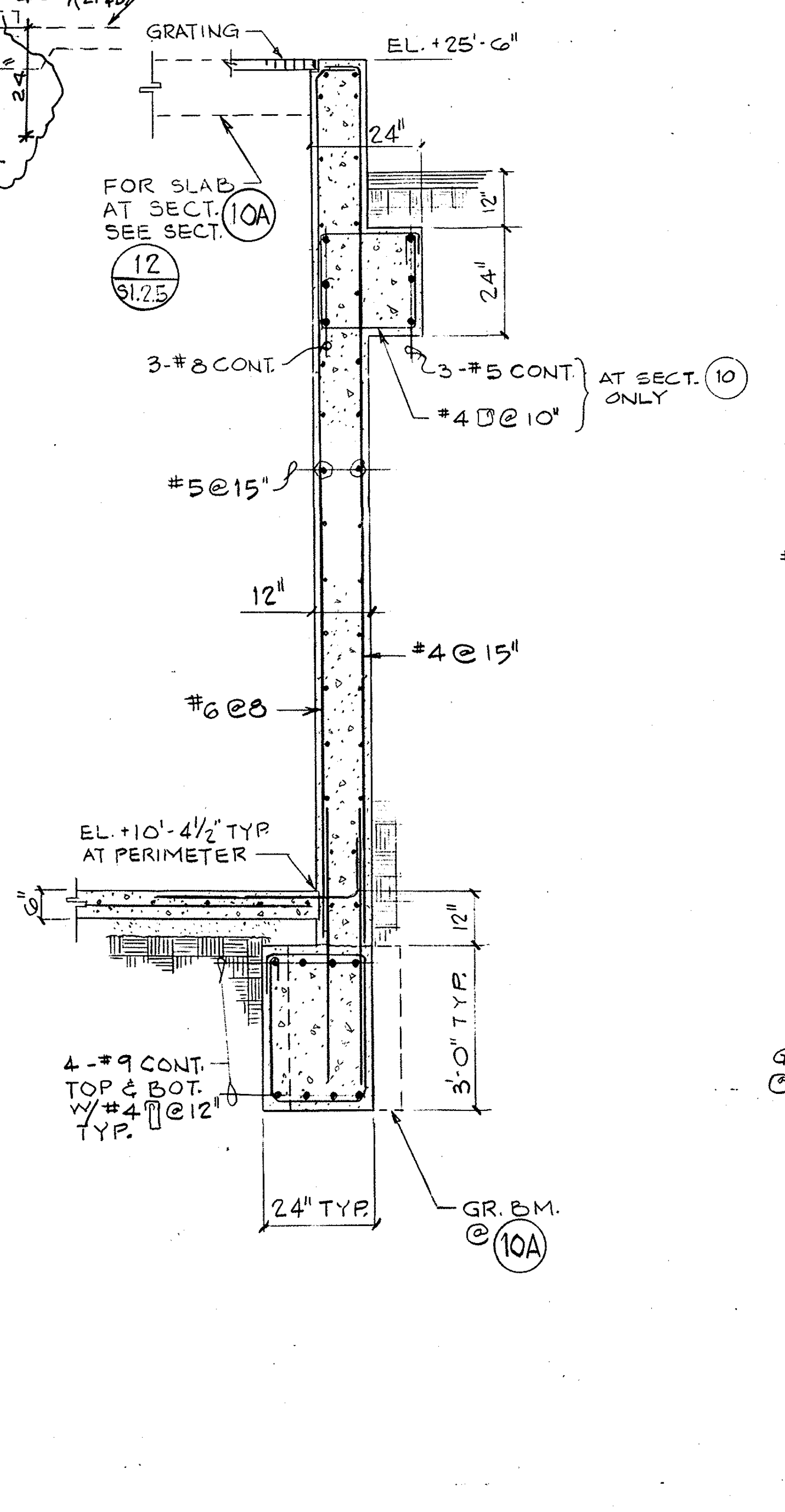
SCHEDULE FOR RETAINING WALL							
H	B	T	D	tw	BARS		
					a	b	c
TO 4'-6"	2'-8"	12"	2'	8" *	#4@12	—	#4@12
4'-6" TO 6'-0"	4'-0"	12"	2'	10" *	#5@18	#4@18	#4@16
6'-0" TO 8'-0"	5'-0"	14"	2'-6"	12"	#5@16	#4@16	#4@13
8'-0" TO 10'-0"	6'-6"	16"	2'-6"	12"	#5@10	"	"
10'-0" TO 12'-0"	7'-6"	18"	2'-6"	12"	#7@12	"	"

* IF THICKER PER ARCH. DWGS, USE b & c BARS CORRESPONDINGLY

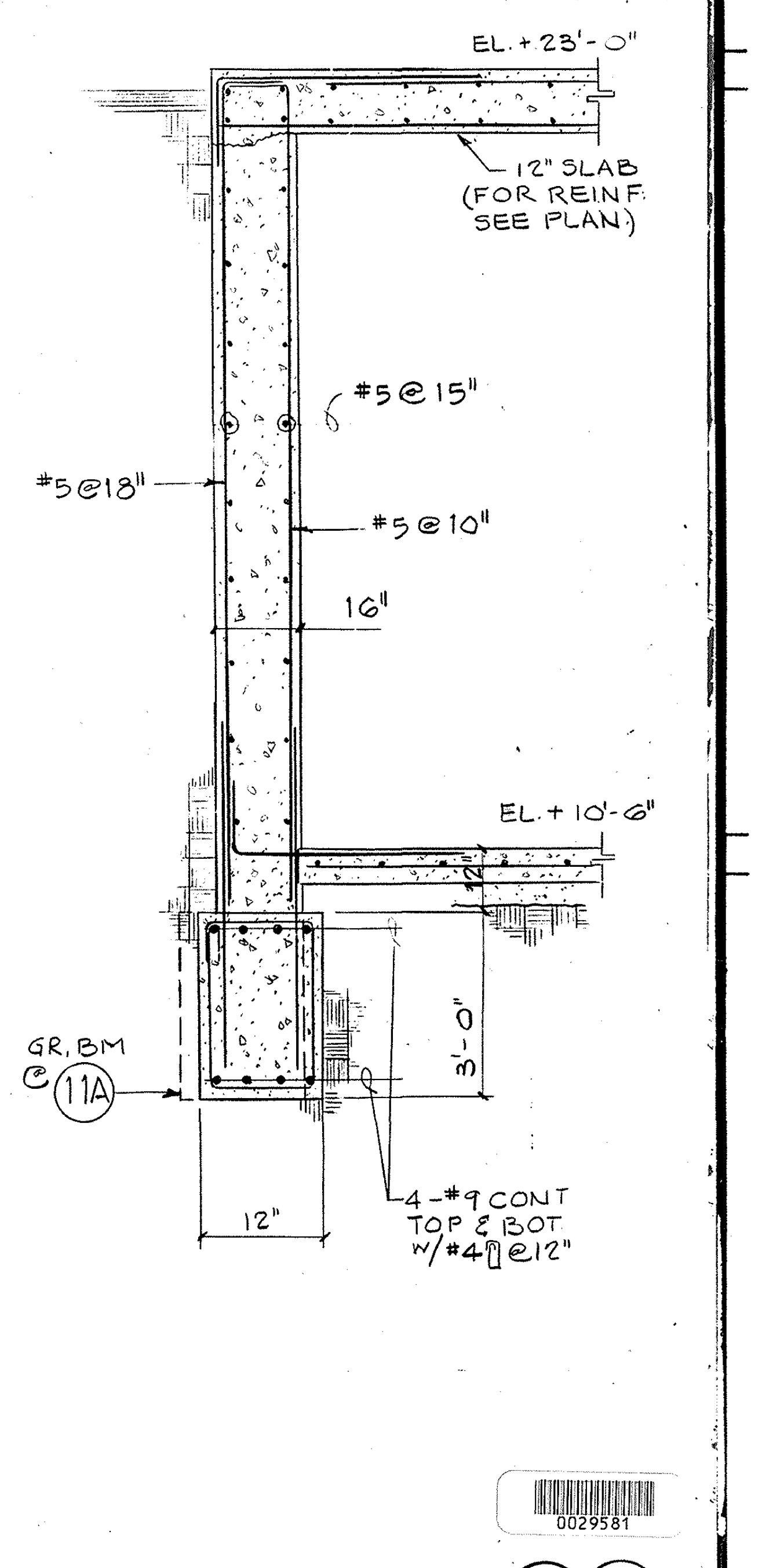
TYPICAL RETAINING WALL DETAILS 8


47 51
14'-0"
3" SEP. JT. FOR PRECAST SEE 7 S5.1.2
SEE: R.F.I.#628 FOR CURB.
#3 STIRRUPS @12"
4-#7 (2T&B)
SEE CIVIL & ARCH DWGS. FOR CURBS, PAVING & ETC.
2#4
12"
TP-1094
#4@6" T&B
12"
#4@6" TIES
#5@12"
#8@6"
#6@9"
#4@12"
1'-2"
SOLDIER PILE SEE SHT S1.2.4
TEMPORARY HORIZ. DIAG OR RACKER BRACES
20"
10'-0"
#8@6"
R.F.I.#146
8'-0"
EL. 0'-0"
R.F.I.#146
#5@12" O.C.
#5
2'-6"
4'-0"

9


GRATING
EL. +25'-6"
FOR SLAB AT SECT. 10A SEE SECT. 12 S1.2.5
24"
3-#8 CONT.
3-#5 CONT AT SECT. 10 ONLY
#4@10"
#5@15"
12"
#4@15"
#6@8
EL. +10'-4½" TYP AT PERIMETER
12"
3'-0" TYP.
4-#9 CONT. TOP & BOT. W/#4@12" TYP.
24" TYP.
GR. BM. @ 10A

10 10A



11 11A

AS BUILT			
1	8.21.84	E.F.	RFI#146,40,17,8,44,628,230,216. C.N.#462,671 ; TP.-1094
B	3.19.82		ADDENDUM B
F			

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title BASEMENT WALL SECTIONS
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

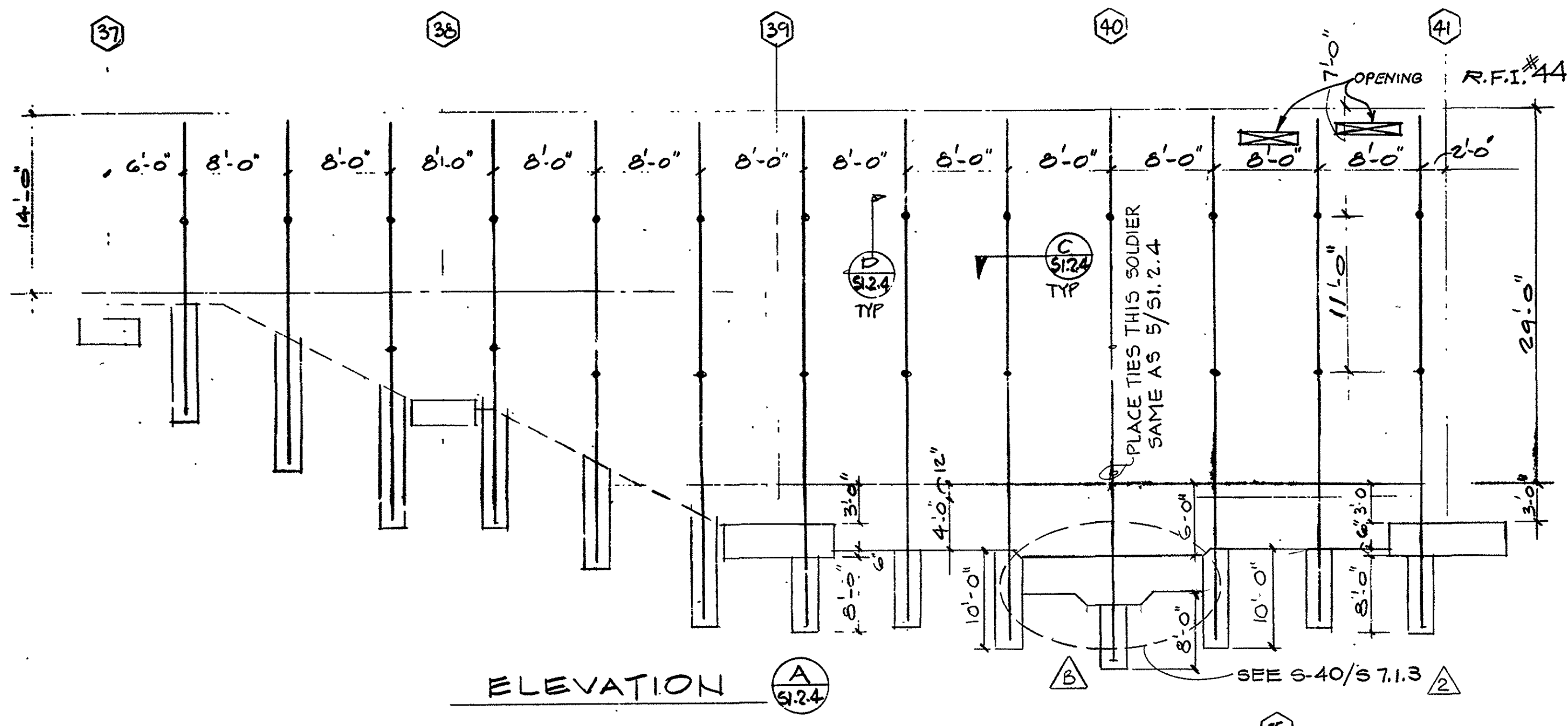
Drawing No. **S1.2.2**
Sheet of Sheets

0029581

26 BAYS @ 26'-0" = 624'-0"
24'-0"
W 10 x 60 SOLDIER PILES @ 8'-0" O.C. TYP.
W10x60 SOLDIER PILES @ 8'-0" O.C. TYP.
R.F.I. #238
OPENING R.F.I. #445
BLOCKOUT R.F.I. #244 C.N. #28
R.F.I. #519
R.F.I. #466
RAKER BRACING SEE: C.N. #196 (SK. 1.2.3)
SEE: SS-43
SS-43
SEE: STABILIZATION SHORING C.N. #196
12" WATER MAIN
48" STORM DRAIN

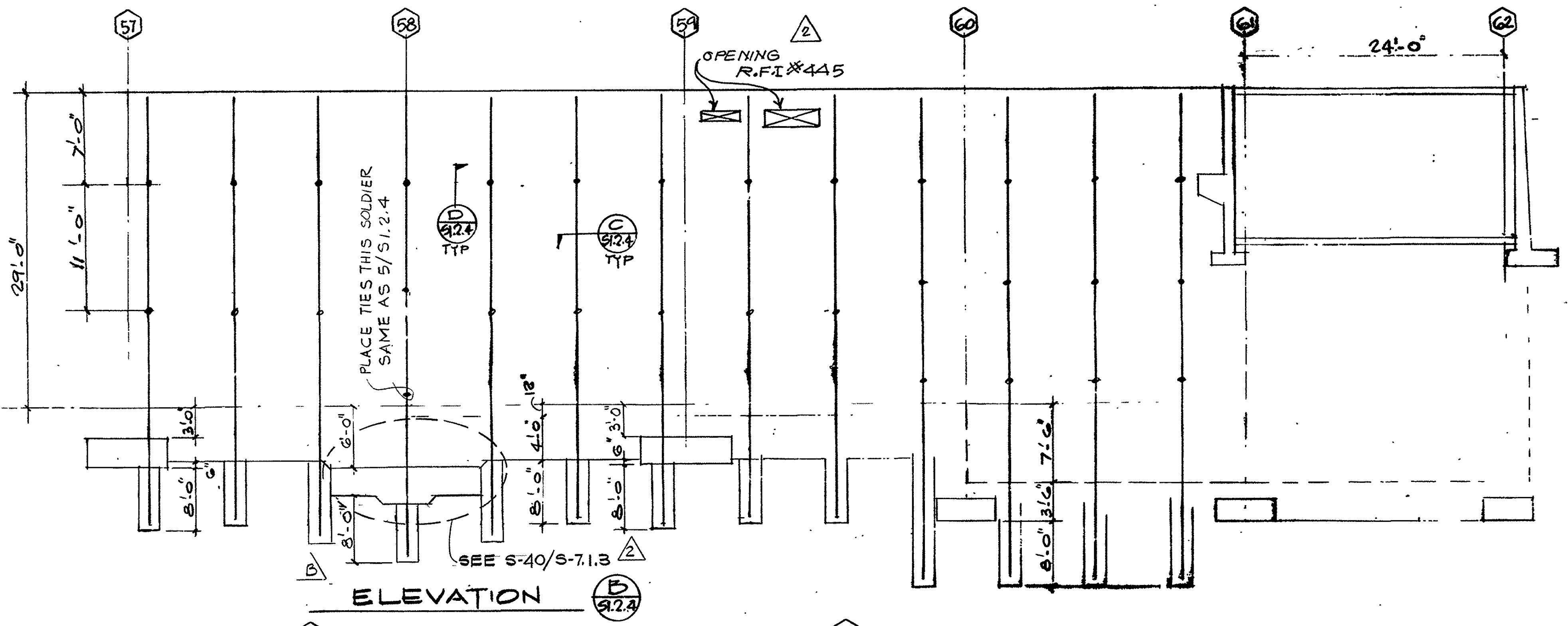
SHORING PLAN

SCALE: 1/16"=1'-0"

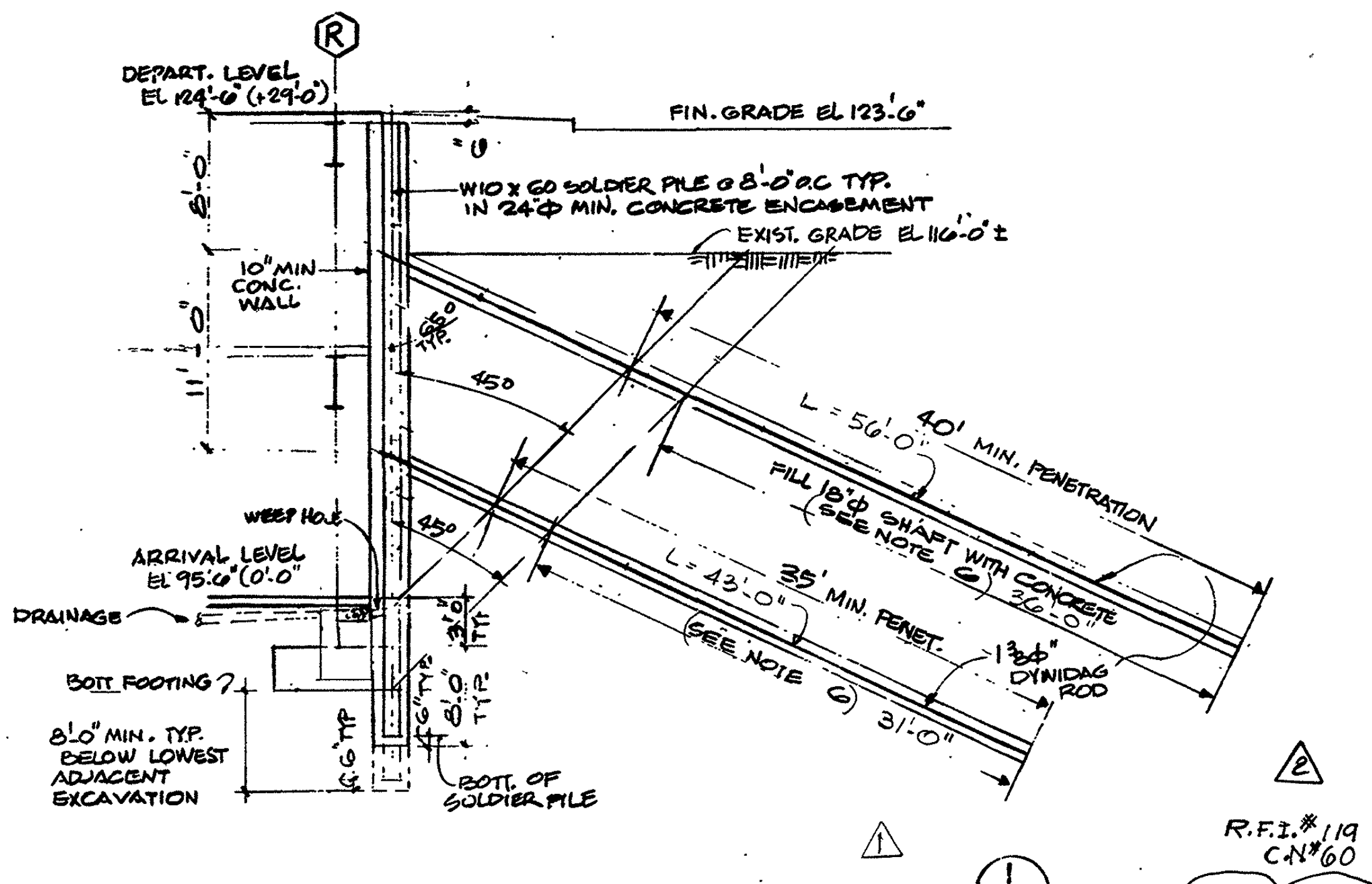


ELEVATION A/S1.2.4

SEE: C.N. #163

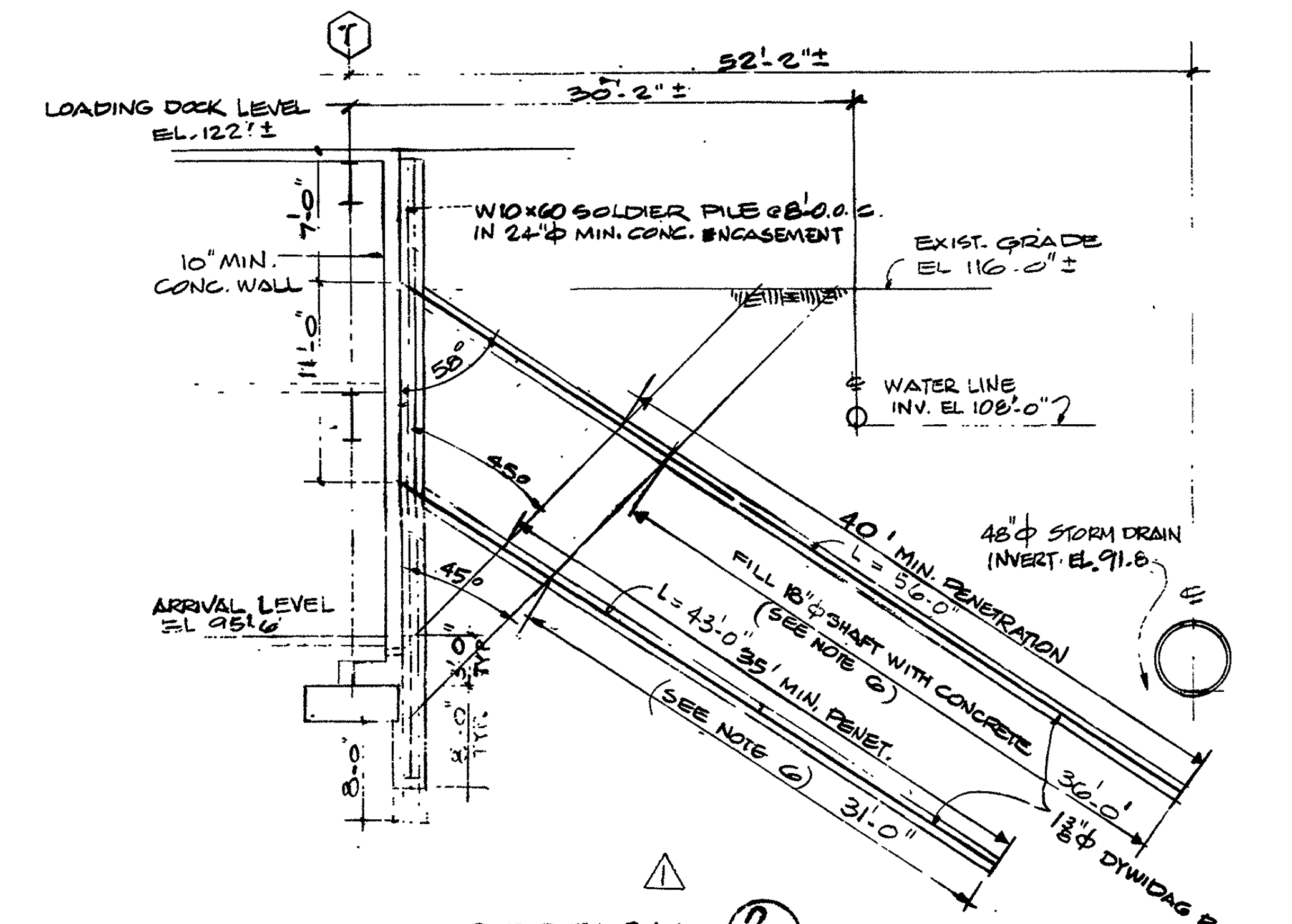


ELEVATION B/S1.2.4

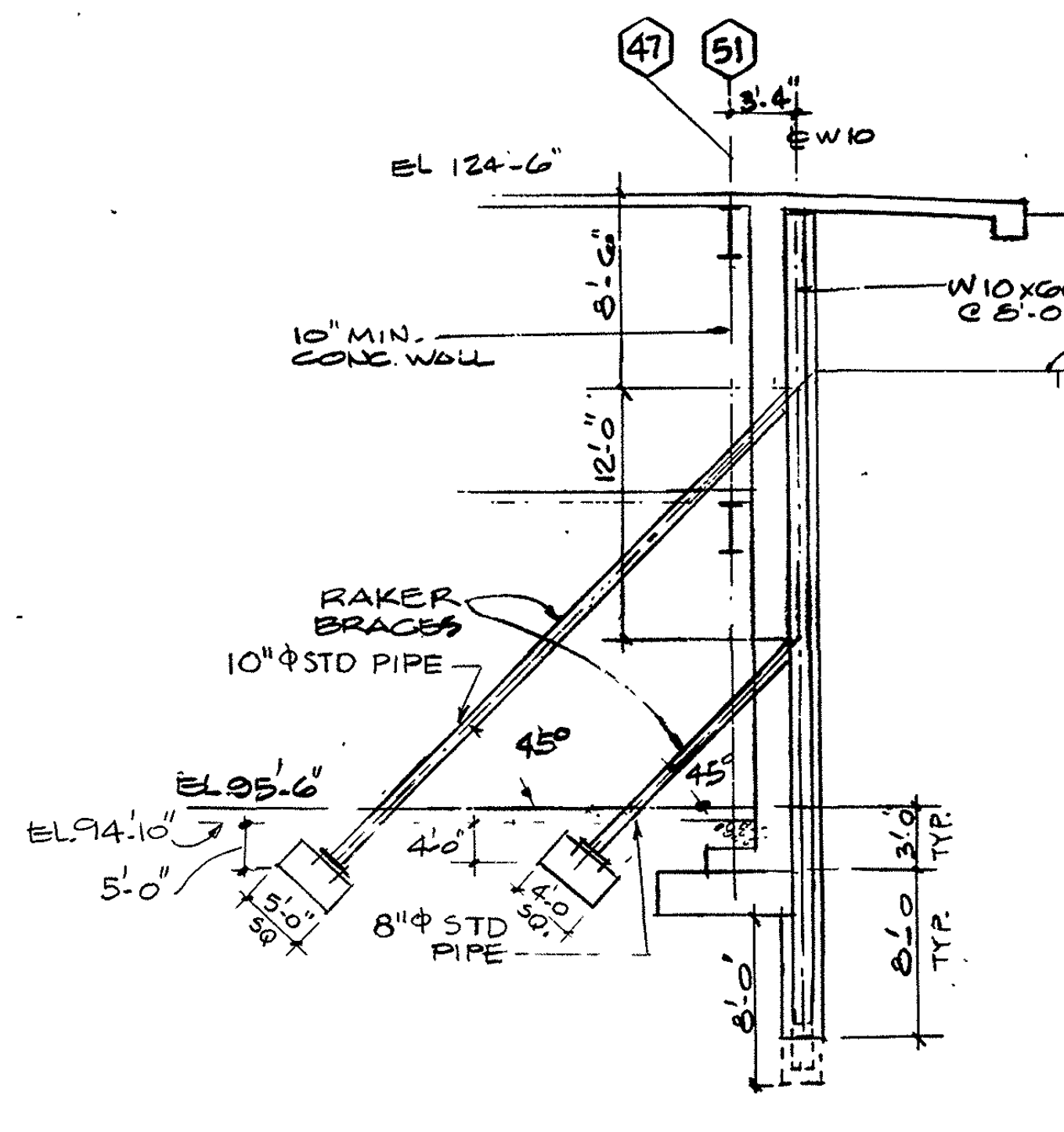

DEPART. LEVEL EL 124'-6" (24'-0")
FIN. GRADE EL 123'-6"
W10 x 60 SOLDIER PILE @ 8'-0" O.C. TYP. IN 24"Φ MIN. CONCRETE ENCASEMENT
EXIST. GRADE EL 116'-0"±
10" MIN. CONC. WALL
L = 56'-0" 40' MIN. PENETRATION
FILL 18"Φ SHAFT WITH CONCRETE (SEE NOTE 6)
L = 43'-0" 35' MIN. PENET.
1 3/8"Φ DYWIDAG ROD
ARRIVAL LEVEL EL 95'-6" (0'-0")
DRAINAGE
BOTT. FOOTING
8'-0" MIN. TYP. BELOW LOWEST ADJACENT EXCAVATION
BOTT. OF SOLDIER PILE

TYPICAL SECTION 1/S1.2.4

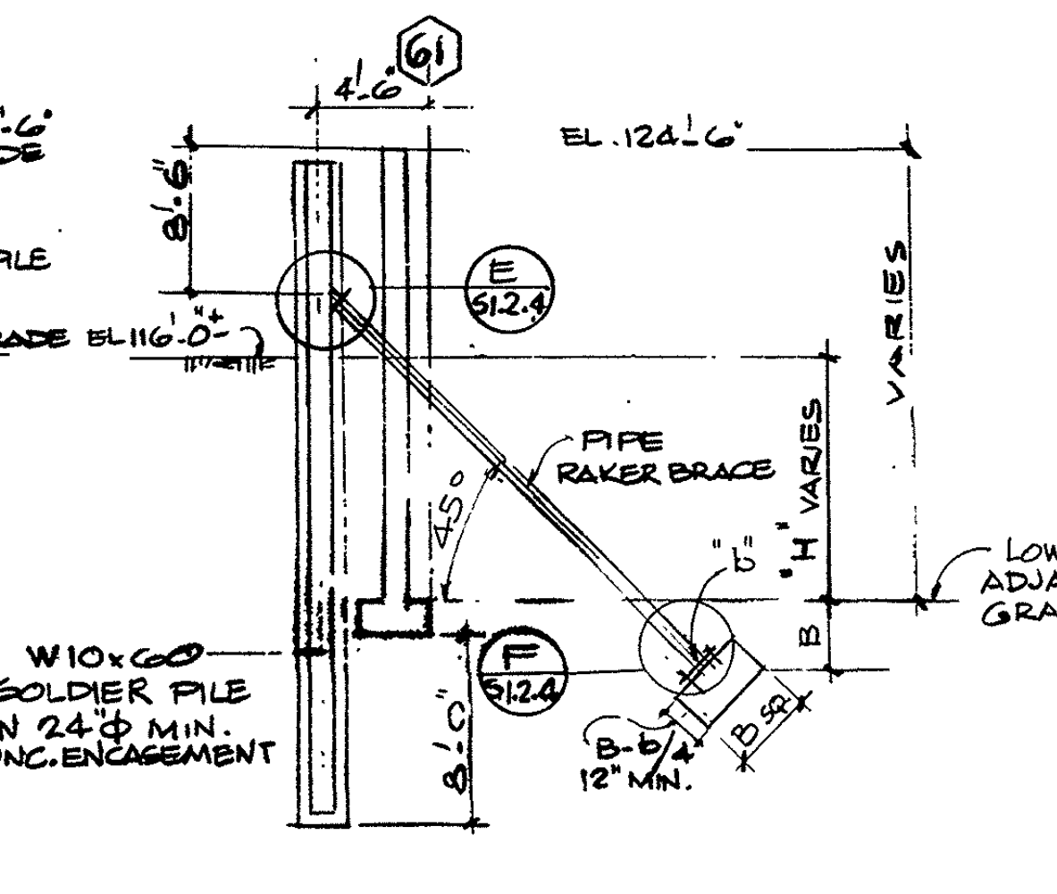
SCALE: 1/8"=1'-0"


LOADING DOCK LEVEL EL. 122'±
52'-2"±
W10x60 SOLDIER PILE @ 8'-0" O.C. IN 24"Φ MIN. CONC. ENCASEMENT
EXIST. GRADE EL. 116'-0"±
10" MIN. CONC. WALL
WATER LINE INV. EL 108'-0"?
48"Φ STORM DRAIN (INVERT EL. 91.5)
40' MIN. PENETRATION
FILL 18"Φ SHAFT WITH CONCRETE (SEE NOTE 6)
35' MIN. PENET.
ARRIVAL LEVEL EL 95.6
1 3/8"Φ DYWIDAG ROD

SECTION 2/S1.2.4

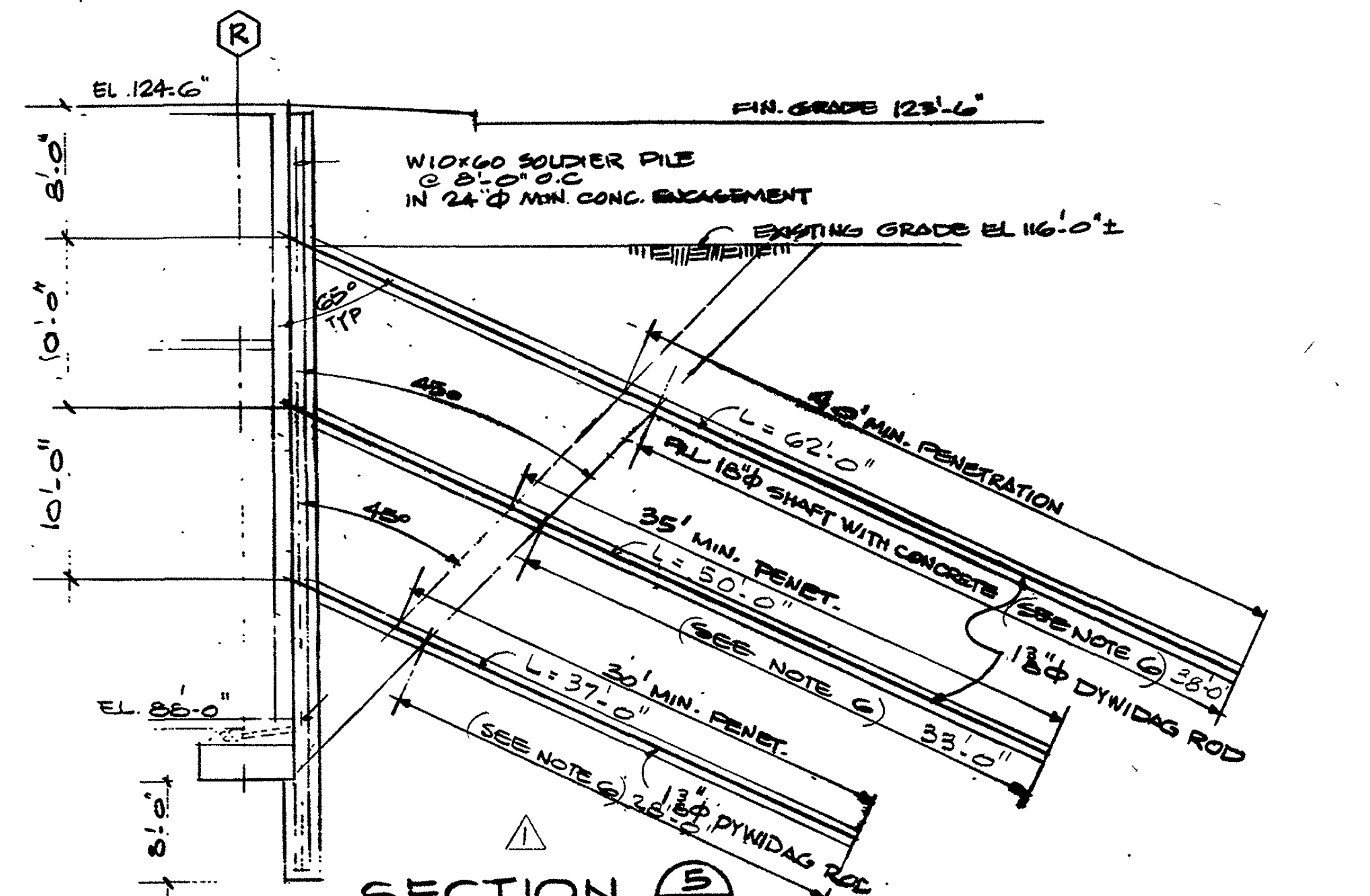


SECTION 3/S1.2.4



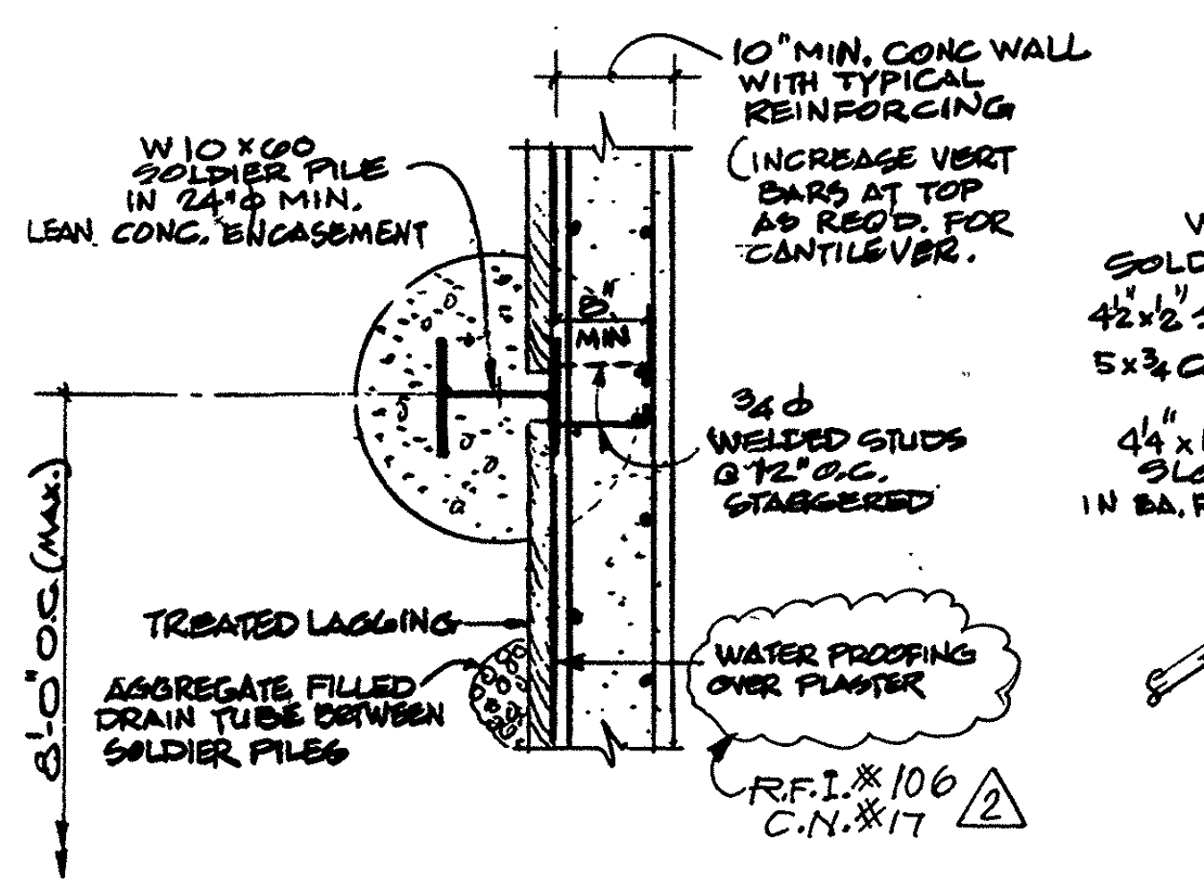
BRACE SCHEDULE			
"H"	BRACE SIZE	BRACE PL "b"	PAD "B"
0 to 8'	3"Φ PIPE	8" SQ × 1/2"	2'-6" SQ
8' to 16'	5"Φ PIPE	9" SQ × 3/4"	4'-6" SQ
16' To 20'	8"Φ PIPE	12" SQ × 3/4"	5'-0" SQ

SECTION 4/S1.2.4


EL. 124'-6"
FIN. GRADE 123'-6"
W10x60 SOLDIER PILE @ 8'-0" O.C. IN 24"Φ MIN. CONC. ENCASEMENT
EXISTING GRADE EL 116'-0"±
L = 62'-0" 48' MIN. PENETRATION
FILL 18"Φ SHAFT WITH CONCRETE (SEE NOTE 6)
35' MIN. PENET.
30' MIN. PENET.
1 3/8"Φ DYWIDAG ROD
EL. 86'-0"

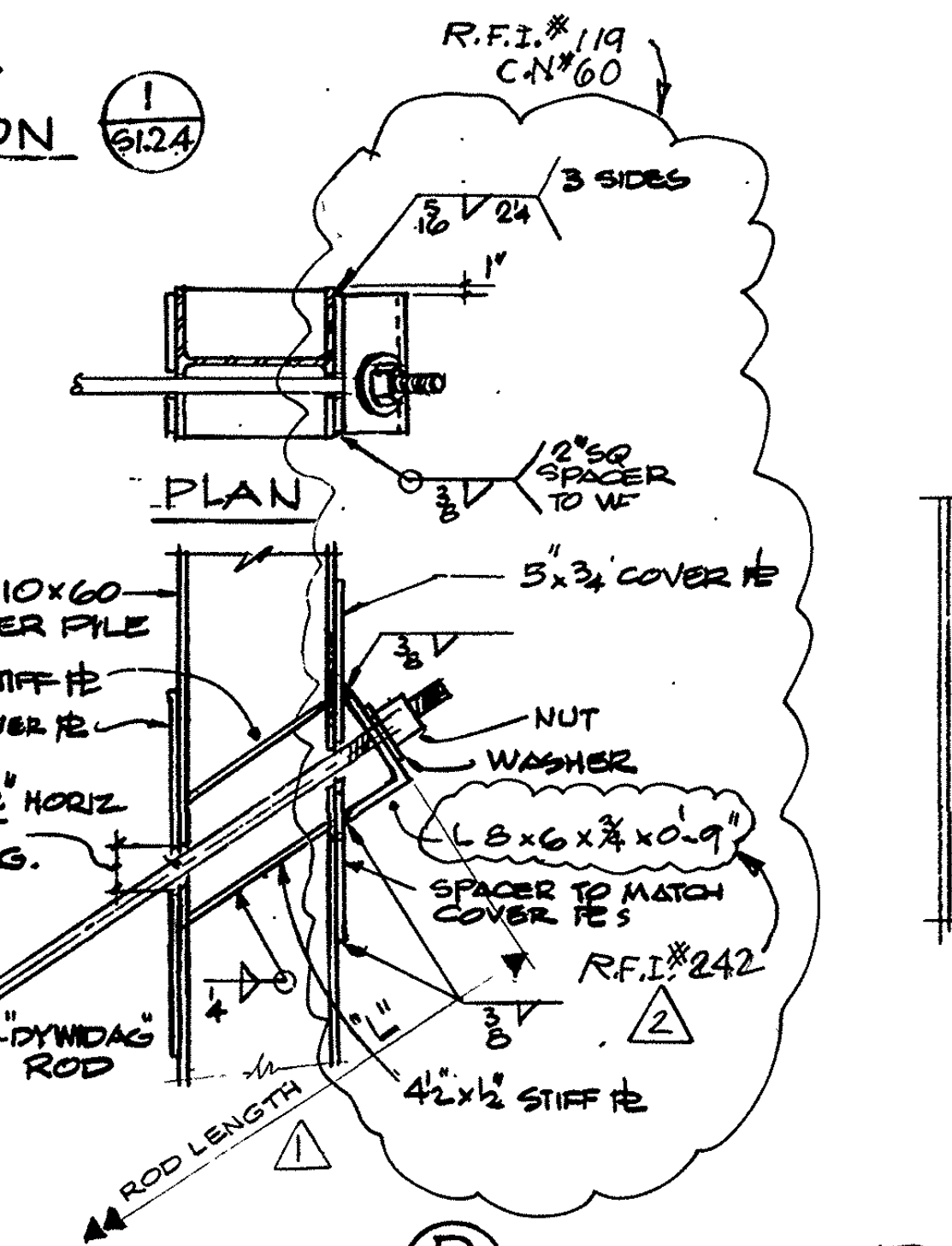
SECTION 5/S1.2.4

P DESIGN = 88 KIPS PER ROD THIS SECTION ONLY


10" MIN. CONC. WALL WITH TYPICAL REINFORCING (INCREASE VERT. BARS AT TOP AS REQ'D. FOR CANTILEVER)
W10x60 SOLDIER PILE IN 24"Φ MIN. LEAN CONC. ENCASEMENT
3/4"Φ WELDED STUDS @ 12" O.C. STAGGERED
TREATED LAGGING
AGGREGATE FILLED DRAIN TUBE BETWEEN SOLDIER PILES
WATER PROOFING OVER PLASTER
R.F.I. #106 C.N. #17

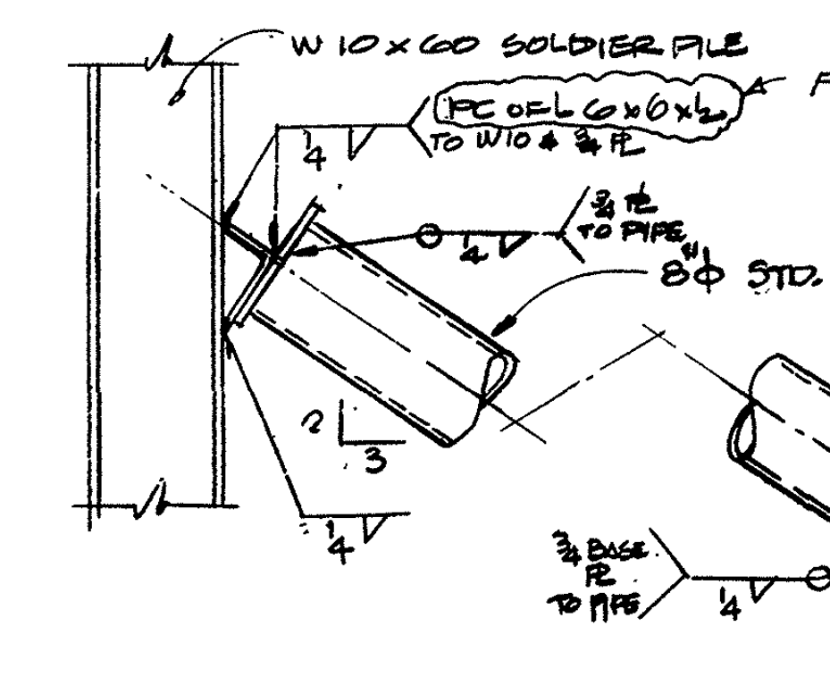
DETAIL C/S1.2.4

SCALE: 3/4"=1'-0"



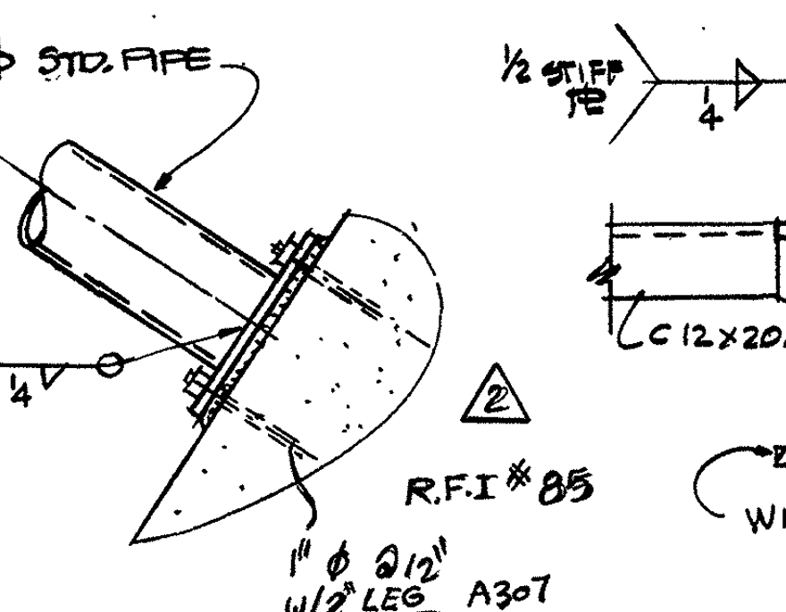
DETAIL D/S1.2.4

SCALE: 1"=1'-0"



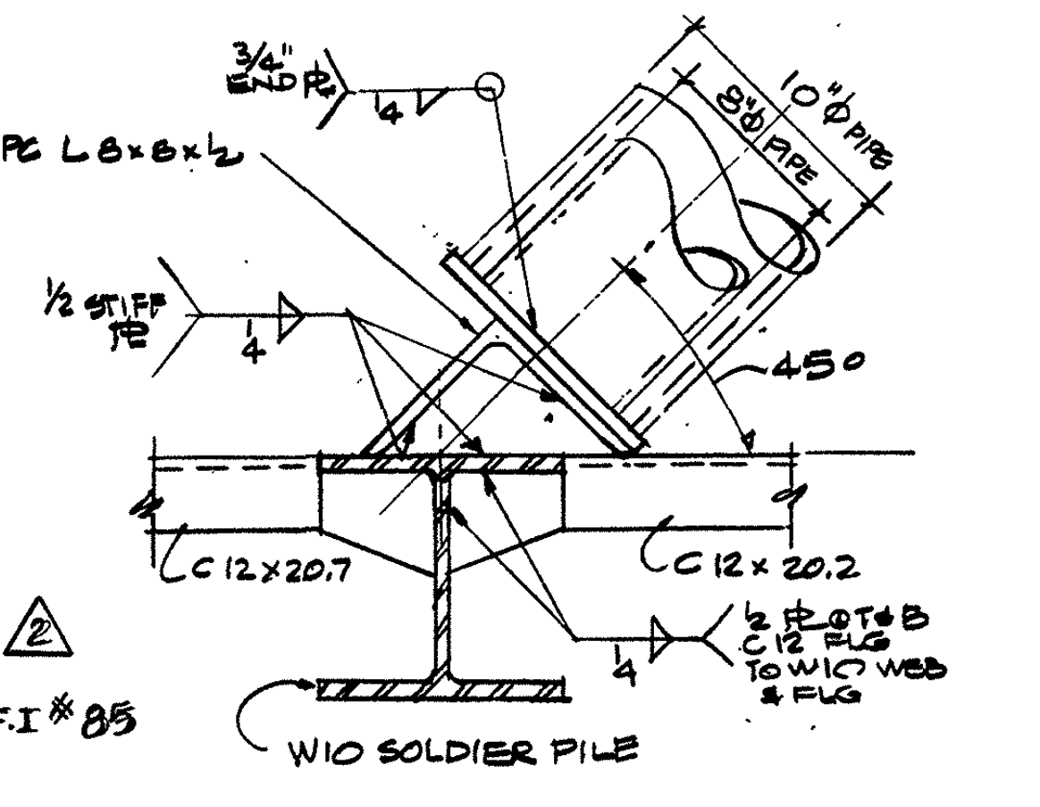
DETAIL E/S1.2.4

SCALE: 3/4"=1'-0"



DETAIL F/S1.2.4

SCALE: 3/4"=1'-0"



DETAIL G/S1.2.4

SCALE: 1 1/2"=1'-0"

WALLS TO BE SHOTCRETE SPEC. 03361

C.N. #79

NOTES

PROCEDURE

1. EXCAVATE SITE TO LEVEL OF MAXIMUM CUT SLOPES.
2. MACHINE DRILL CAISSONS AND SET SOLDIER PILES.
3. FILL CAISSON TO BOTTOM OF EXCAVATION WITH CONCRETE. FILL BALANCE WITH LEAN MIX CONCRETE.
4. EXCAVATE TO LEVEL OF TOP TIEBACK ANCHOR.
5. DRILL TIEBACK TO DEPTH REQUIRED.
6. INSERT TIEBACK ROD AND FILL BOTTOM OF SHAFT WITH CONCRETE UP TO LOWER 45° LINE.
7. TEST LOAD ANCHOR RODS PER GEOTECHNICAL REPORT AND ~~REQUIREMENTS OF THE BUILDING DEPARTMENT~~
8. AFTER CERTIFICATION OF ANCHORS BY SOILS ENGINEER PROCEED WITH EXCAVATION AND LAGGING. REPEAT STEPS 4 THRU 8 AS REQUIRED.
9. ~~FILL~~ REMAINDER OF SHAFT WITH LEAN CONCRETE. (MINIMUM CEMENT AS REQUIRED FOR PUMPING.)

FOR REVISIONS SEE C.N. #111

GENERAL

1. THIS DRAWING IS BASED UPON SITE PLAN DRAWINGS C.1.1 THRU C.18.1 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS AND UTILITY LOCATIONS AT THE SITE.
2. ALL EXCAVATION AND SHORING PROCEDURES SHALL CONFORM TO THE GEOTECHNICAL REPORT AND PERTINENT SUPPLEMENTS BY GEOTECHNICAL CONSULTANTS INC.
3. LAGGING SHALL BE DOUGLAS FIR SCAFFOLD GRADE #2 OR DOUGLAS FIR STRUCTURAL JOIST AND PLANK GRADE #1.
4. TIEBACK RODS SHALL BE "DYWIDAG THREAD BAR" CONFORMING TO ASTM A-722 - ULTIMATE STRENGTH 160 KSI MINIMUM.
5. LEAN MIX CONCRETE SHALL BE 10 PARTS SAND AND 1 PART PORTLAND CEMENT.
6. THE PENETRATION LENGTHS FOR TIEBACKS ARE BASED ON PRESENTLY AVAILABLE SOIL DATA. LENGTHS MAY BE RE-EVALUATED WITH APPROVAL BY ENGINEER, BASED ON ACTUAL FIELD CONDITIONS AS CONSTRUCTION PROCEEDS.
7. SLOPES IN EXISTING FILL SOILS OR SANDS SHALL BE CUT TO 1 TO 2 MAXIMUM UNLESS A STEEPER SLOPE IS APPROVED BY SOIL ENGINEER.
8. PROVIDE CASING FOR ALL DRILLED HOLES AS REQUIRED. (SOLDIER PILES AND TIEBACKS)
9. ALL SHORING AND TIEBACK WORK SHALL BE INSPECTED AND CERTIFIED BY SOILS ENGINEER.
10. PROVIDE DOUBLE CORROSION PROTECTION FOR ALL TIE BACK RODS.
11. DESIGN LOAD FOR ALL ANCHOR RODS IS 97 KIPS U.N.O.
12. DO NOT INSTALL TIEBACKS UNTIL BERM, PER C6.2 IS IN PLACE.

0029582

AS BUILT	2	8.21.84	E.F	R.F.I. # 244, 466, 519, 445, 238, 119, 242, 85 C.N. # 196, 28, 111, 60, 79, 17, 163.	B	3.19.82	ADDENDUM B
	1	6.1.84		BLDG. DEPT. CORRECTIONS			F

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

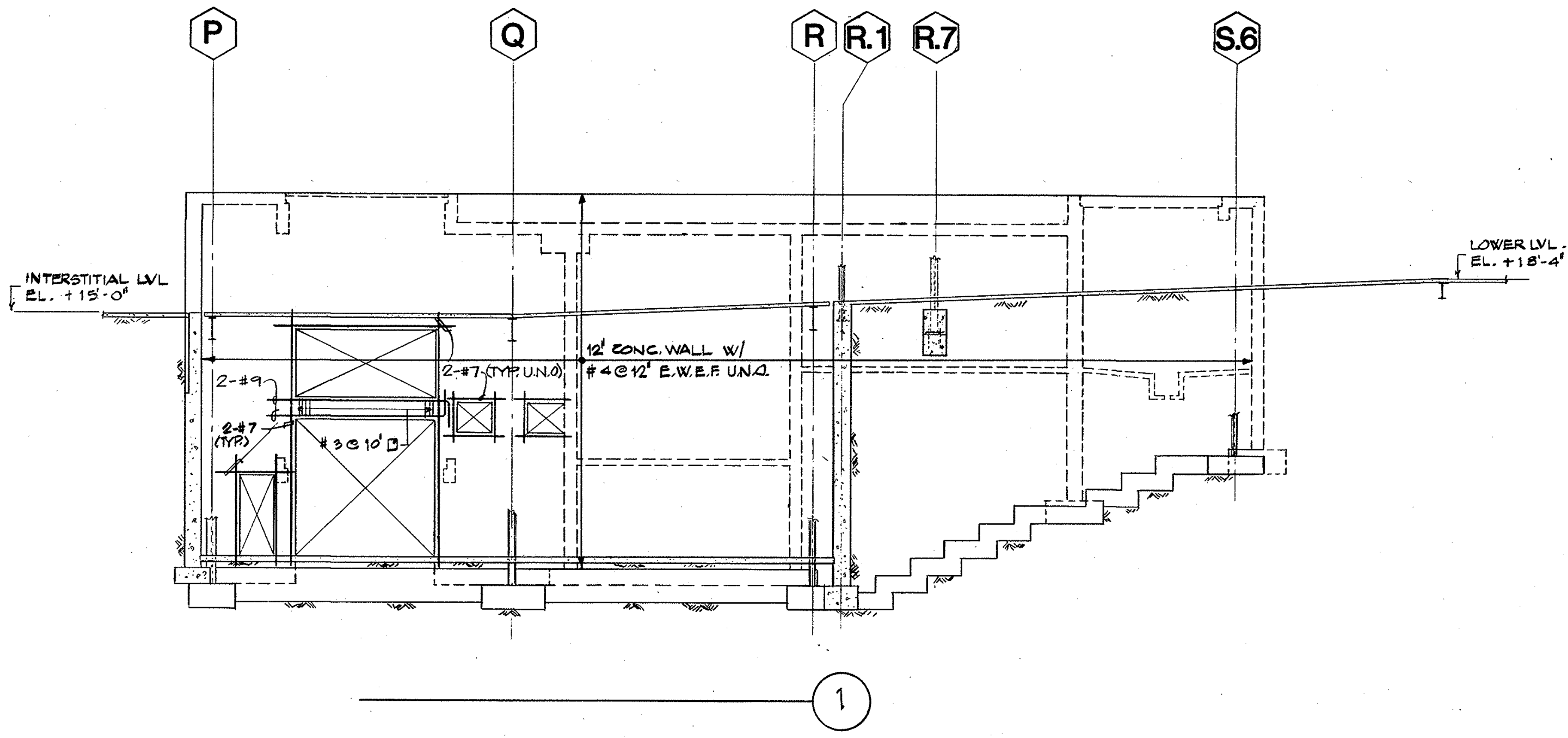
City of Los Angeles Department of Airports
Date FEB 3, 1982

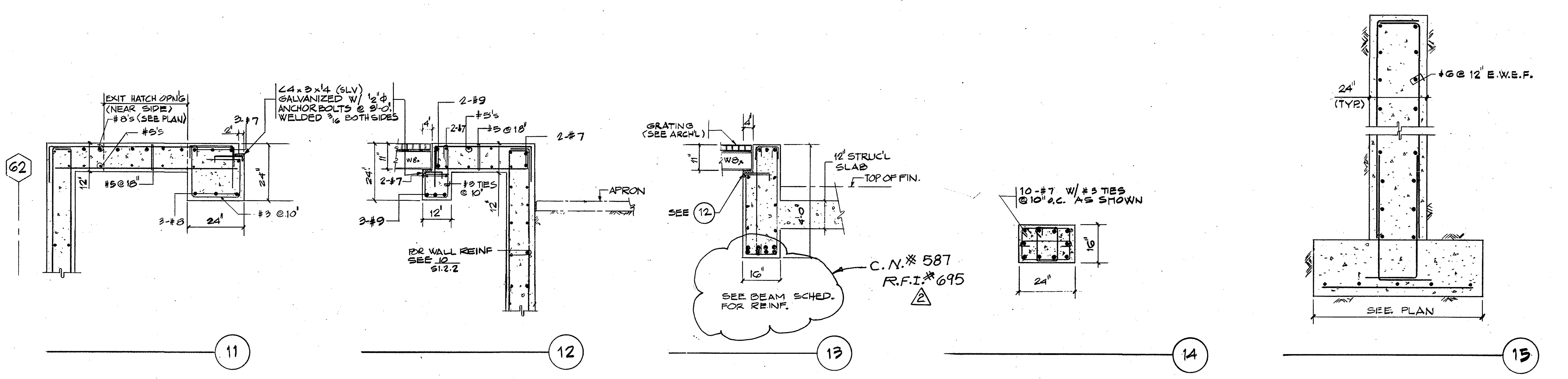
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: SHORING PLAN & DETAILS
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

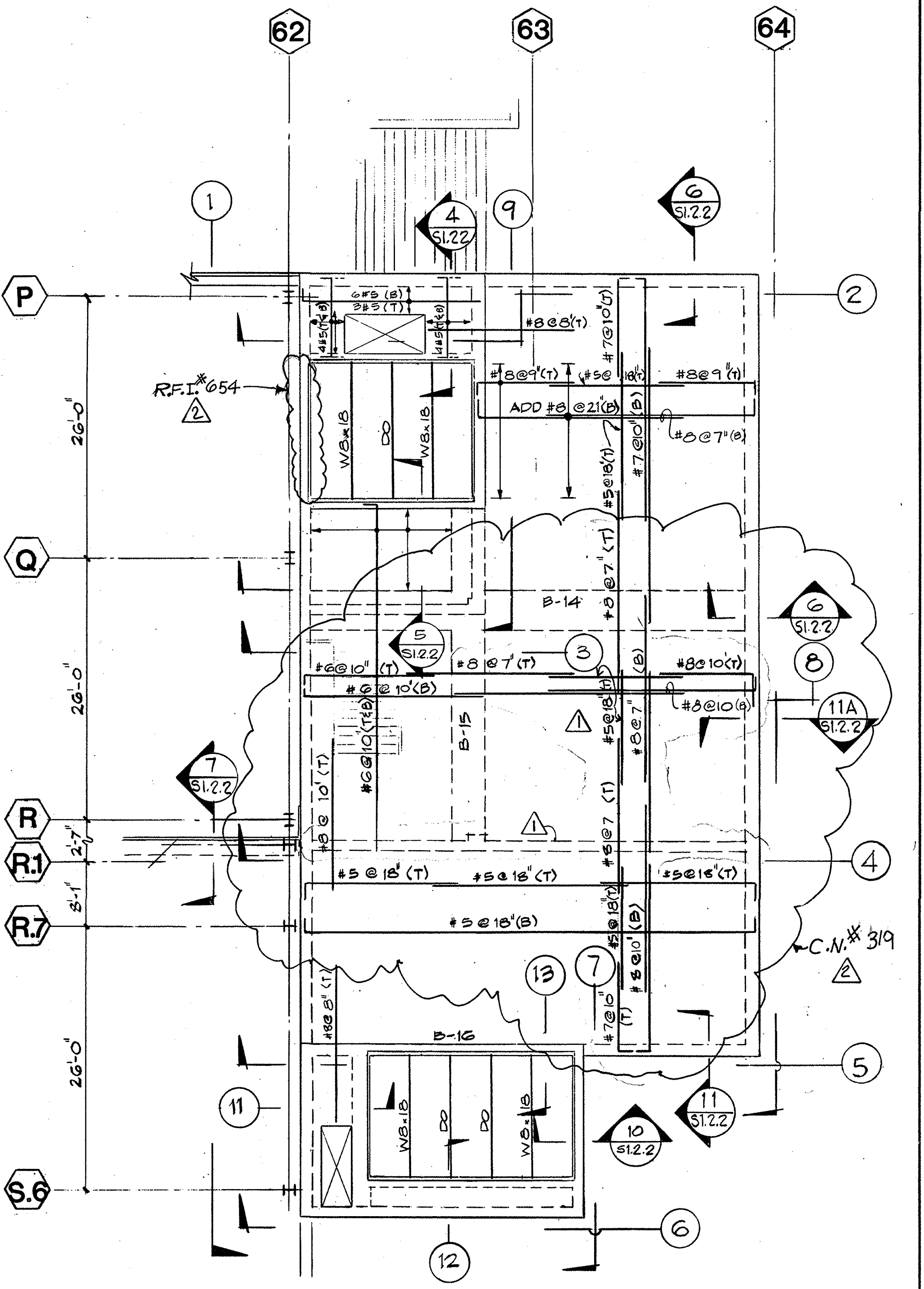
Drawing No. **S1.2.4**
Sheet of Sheets





SECTIONS AND DETAILS

SCALE: 1/2" : 1' - 0"

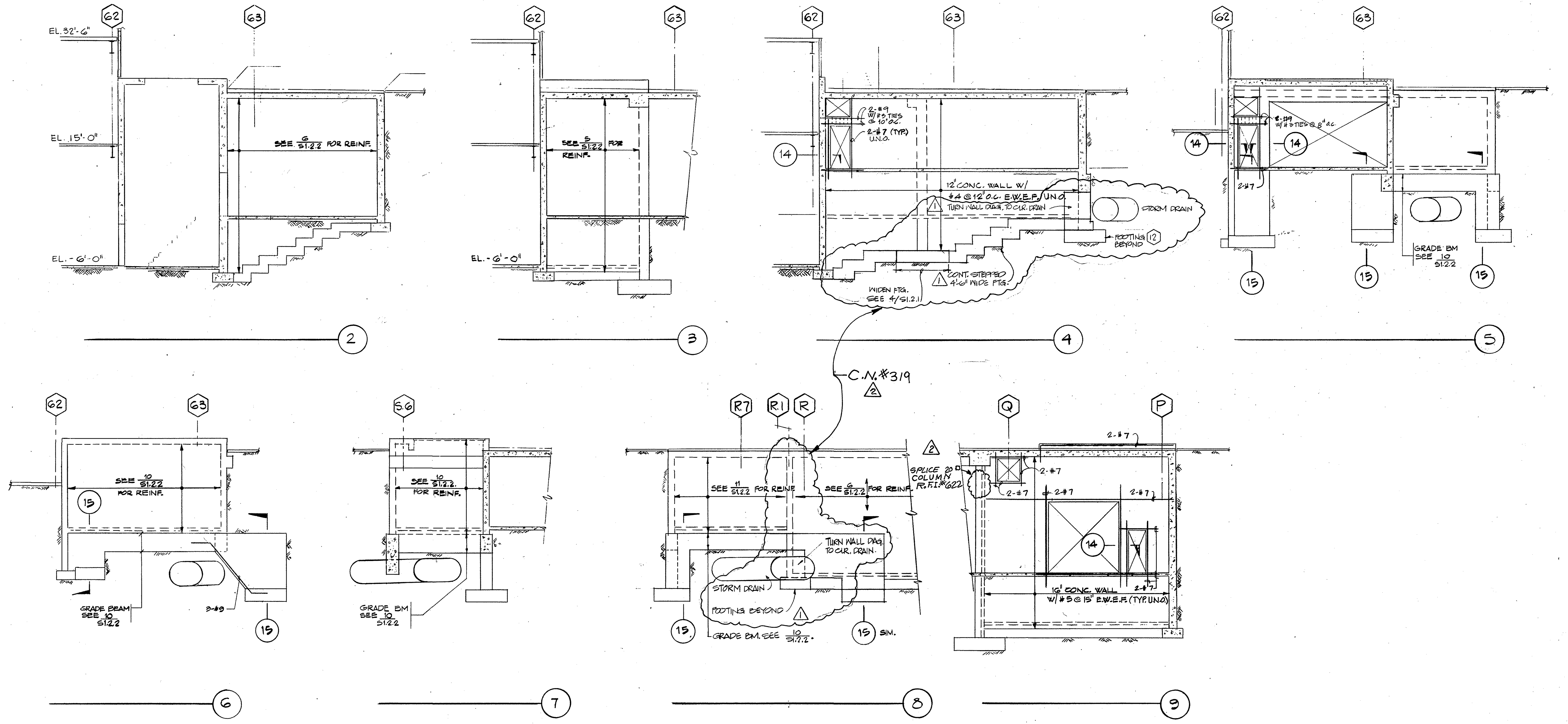


— SLAB THICKNESS = 12" (TYP.)
— ALTERNATE LONG & SHORT BOTTOM BARS OF SLAB WHERE SHOWN
— SEE SHT. S1.2.3 FOR DETALS NOT SHOWN.

FRAMING PLAN AT APRON

SCALE: 1/8" : 1' - 0"

NOTE:
FOR BASEMENT PLAN SEE S1.2.1



WALL FRAMING ELEVATIONS

SCALE: 1/8" : 1' - 0"

△ AS BUILT

1	4/7/83	CE	DWP VAULT WALL RELOCATION	
2	8/21/84	E.F.	R.F.I.#622, 695, 654, C.N.#319, 587	
B	3/1982		ADDENDUM B	

0029583

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record: WLP
Project Architect: REM
Date
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

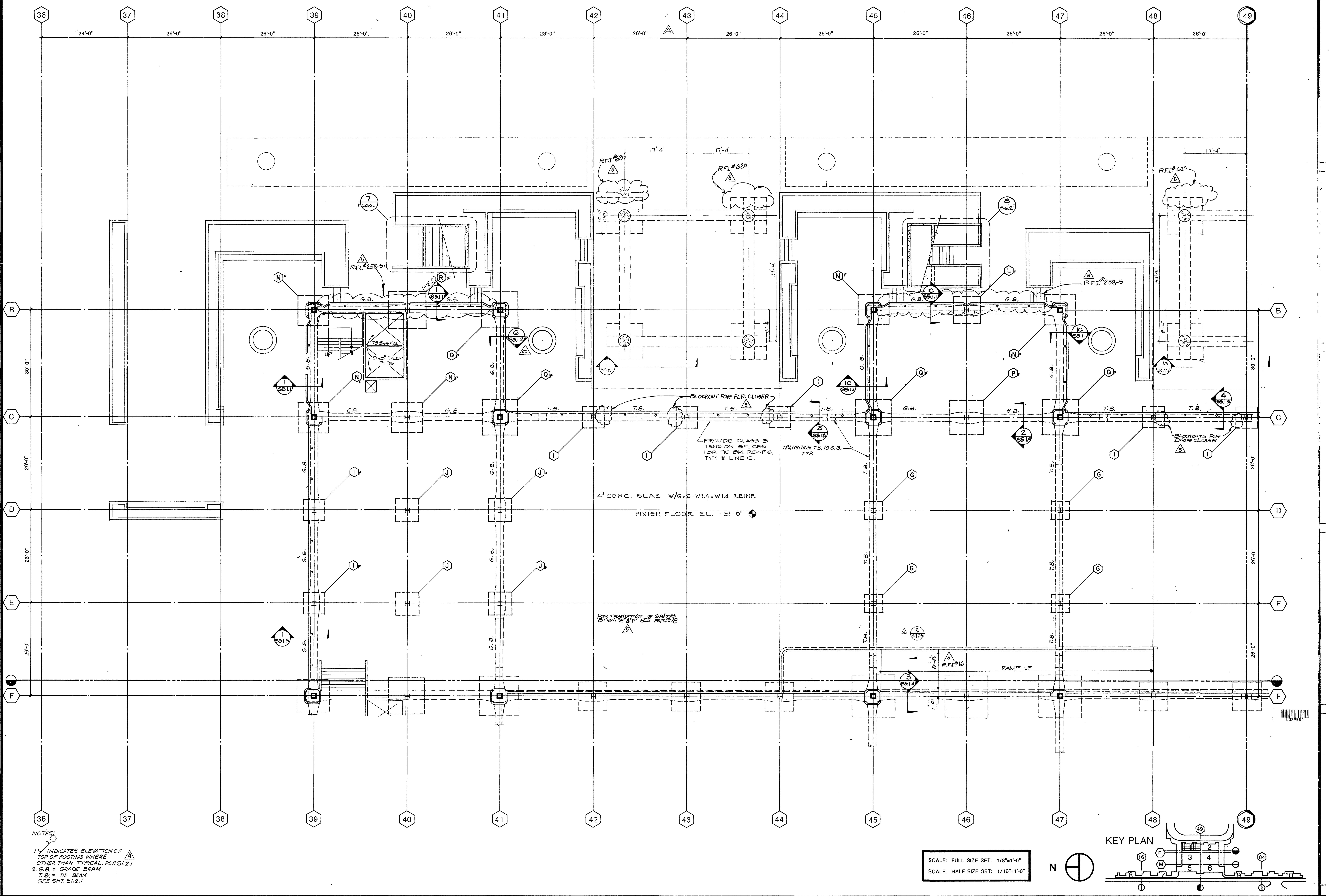
City of Los Angeles
Department of Airports
Date

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL 9 AND AIRCRAFT APRON
Drawing Title: COMPRESSED AIR TRANSFORMER & SWITCHGEAR VAULT
PLANS, ELEVATIONS, AND SECTIONS
Department of Airports Drawing No. 82001Z - 600

Designed by: FDT
Drawn by: YS
Chief Architect: JDW,BAS
PDSW Project No. 79000

Drawing No.
S1.2.5
Sheet of Sheets



NOTES:

1. INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL. PER S1.2.1

2. G.B. = GRADE BEAM
T.B. = TIE BEAM
SEE SHT. S1.2.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

4 11-1-82 F.I.S. REVISIONS C.N#285

5 8.22.84 E.F R.F.I.#16,18,258-5,620. C.N.#285.

A ADDENDUM A

F AB.0.1

S1.1

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
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A JOINT VENTURE

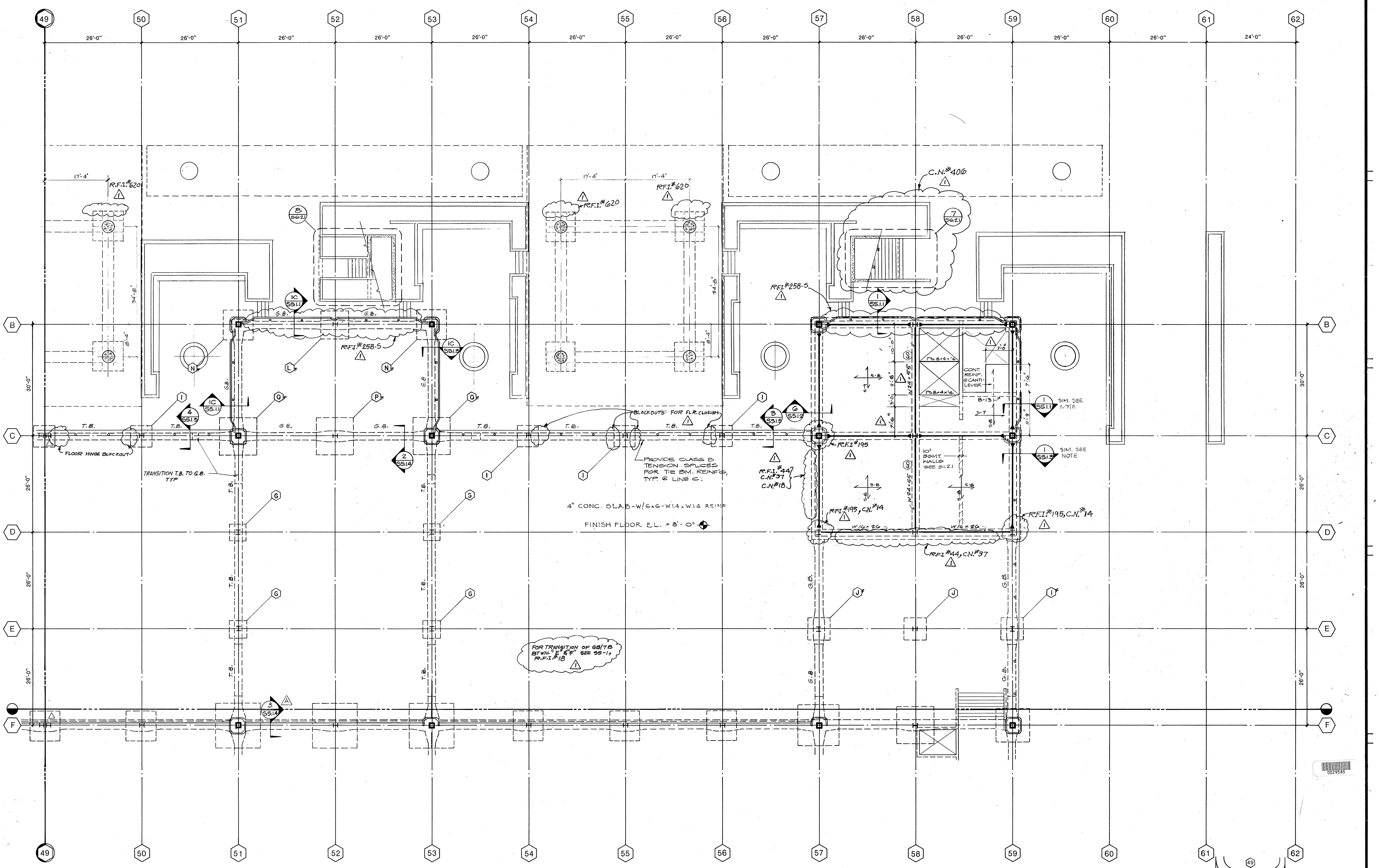
City of Los Angeles
Department of Airport
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FOUNDATION PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by
Drawn by TC
Chief Architect JDW/BAS
PDSW Project No. 79000

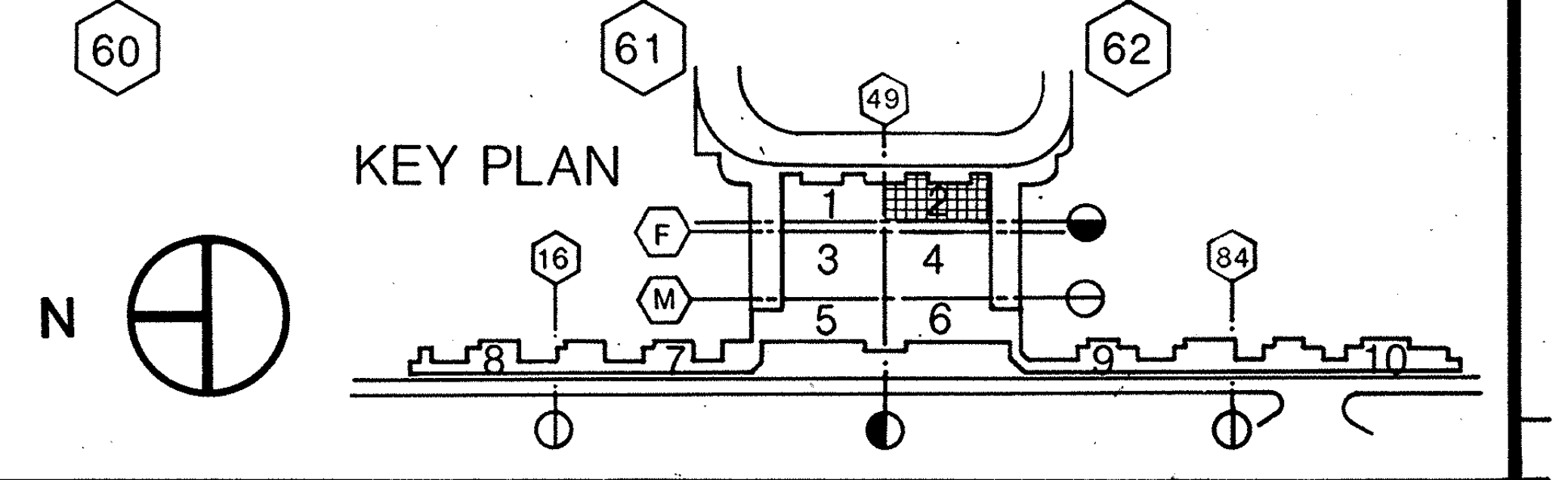
Drawing No. A-1
S2.1.1
Sheet of Sheets


49
50
51
52
53
54
55
56
57
58
59
60
61
62
26'-0"
24'-0"
30'-0"
B
C
D
E
F
17'-4"
R.F.I.#620
C.N.#406
R.F.I.#258-S
G.B.
T.B.
FLOOR HINGE BLOCKOUT
TRANSITION T.B. TO G.B. TYP
BLOCKOUTS FOR FLR. CLOSURES
PROVIDE CLASS B TENSION SPLICES FOR TIE BM. REINF'G, TYP. @ LINE C.
4" CONC. SLAB - W/6x6-W1.4xW1.4 REINF.
FINISH FLOOR EL. +8'-0"
R.F.I.#195
R.F.I.#44, C.N.#37, C.N.#18
R.F.I.#195, C.N.#14
R.F.I.#44, C.N.#37
W24x55
W16x26
TS 8x4x1/4
CONT. REINF. @ CANTILEVER
B-13
10' BSMT. WALLS SEE S1.2.1
SIM. SEE NOTE
FOR TRANSITION OF GB/TB BTWN. "E" & "F" SEE S5-1, R.F.I.#18
S5.1.1
S5.1.3
S5.1.4
S6.2.1

NOTES:

1. INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL.
2. G.B. = GRADE BEAM
   T.B. = TIE BEAM
   SEE SHT. S1.2.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"



			AS BUILT
1	8.22.84	E.F.	RFI*18, 44, 195, 258-S, 620. C.N.*406, 18, 37, 14, 285
A			ADDENDUM A

F AB.0.2 S1.2

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

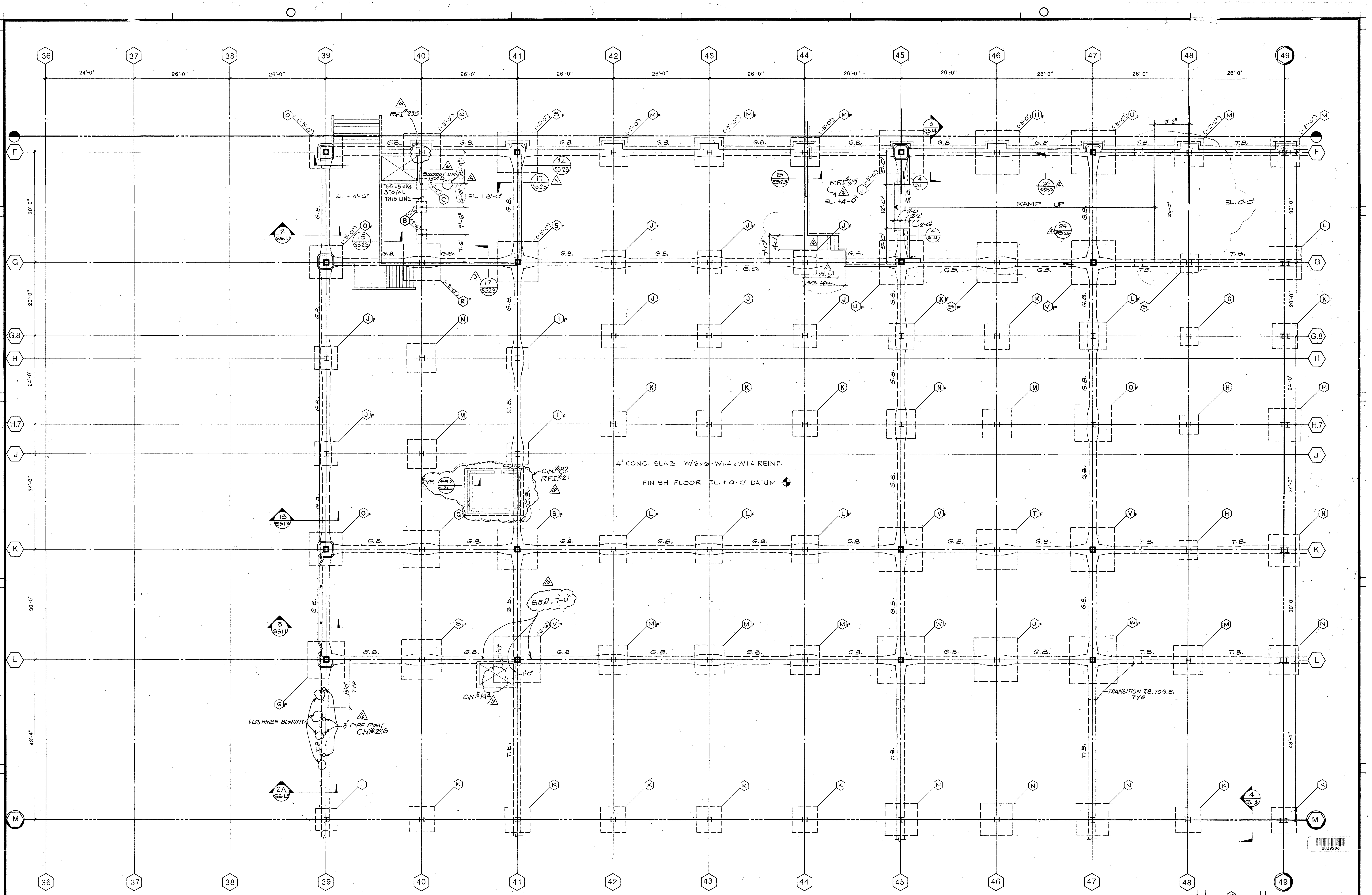
City of Los Angeles
Department of Airport
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FOUNDATION PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by
Drawn by TC
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. A-2
S2.1.2
Sheet of Sheets

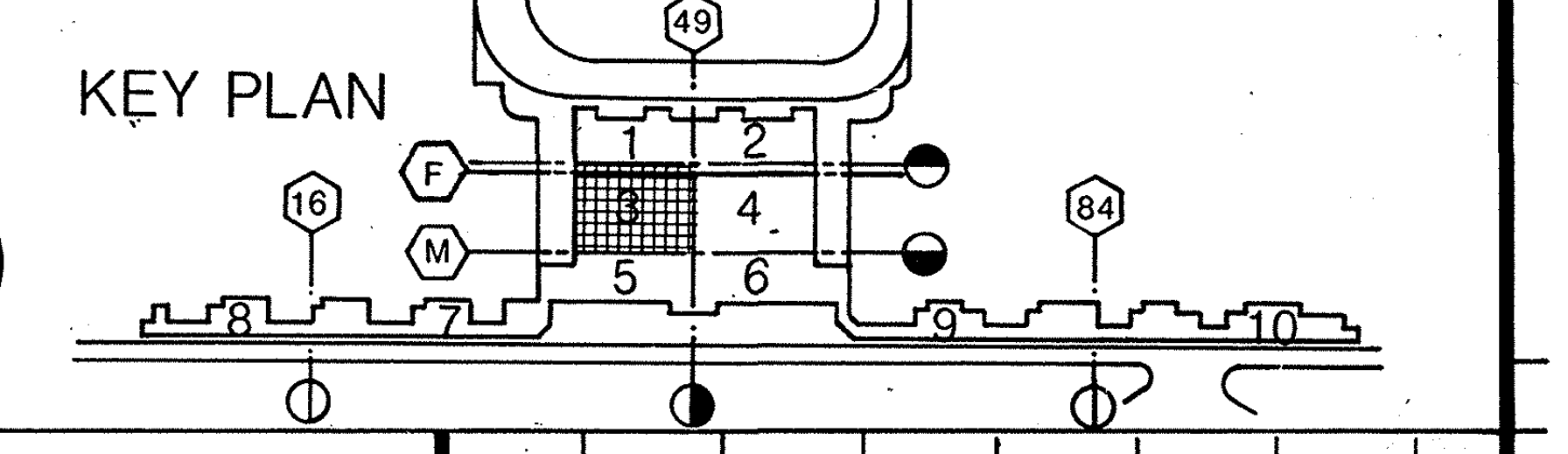


NOTES:
1. INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL.
2. G.B. = GRADE BEAM
T.B. = TIE BEAM
SEE SHT. S1.2.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



6	8-22-84	E.F	R.F.I.#615,235,21. C.N.#82,144,296.	4	11-1-82	F.I.S. REVISION			F	AB.0.3A
5			'AS-BUILT' COORDINATION	3	6-1-82	GEN. COORDINATION	A	ADDENDUM A		S1.3

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airports
Date FEB 3, 1982

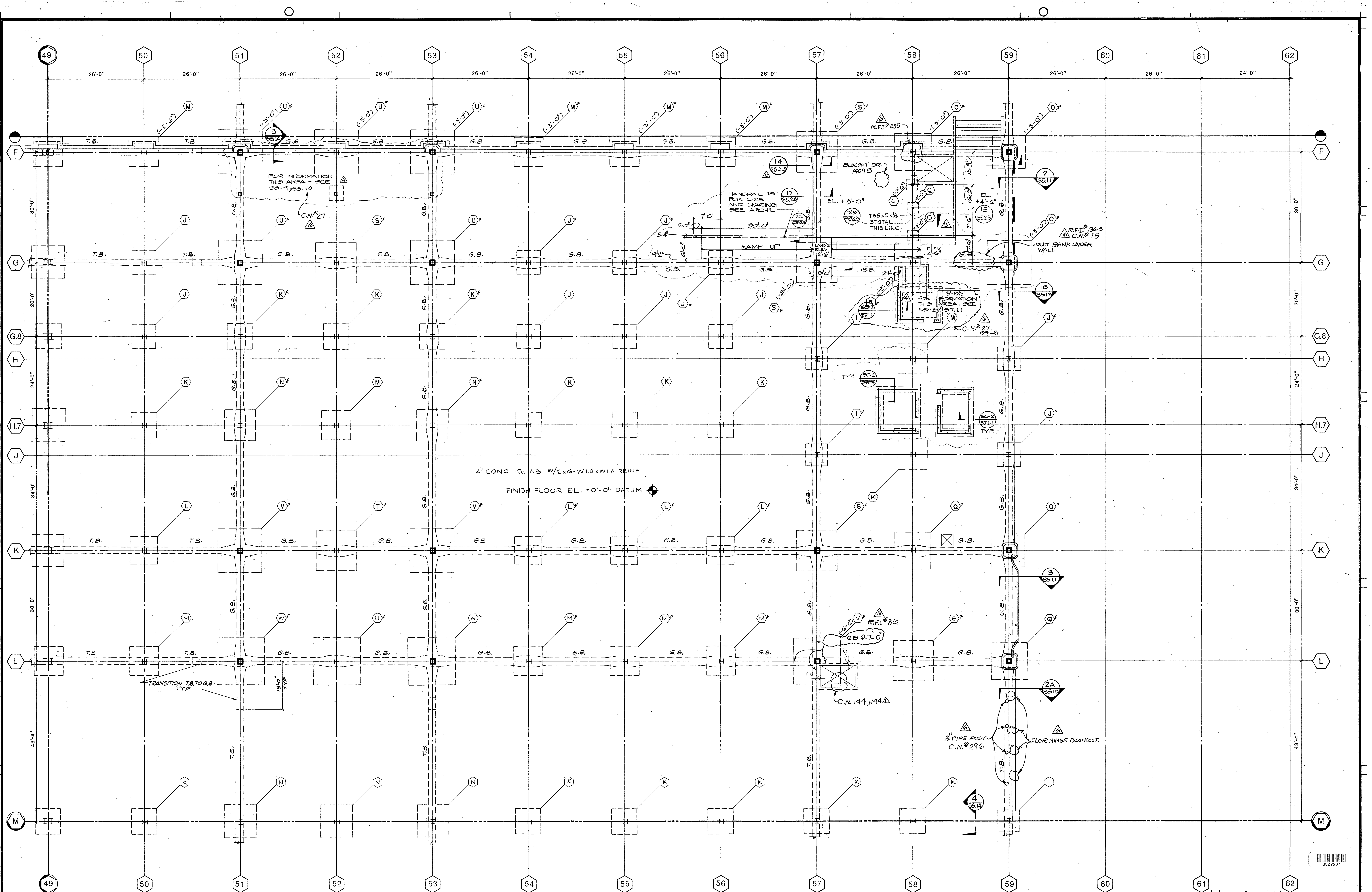
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FOUNDATION PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by
Drawn by TC
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. A-3
S2.1.3
Sheet of Sheets

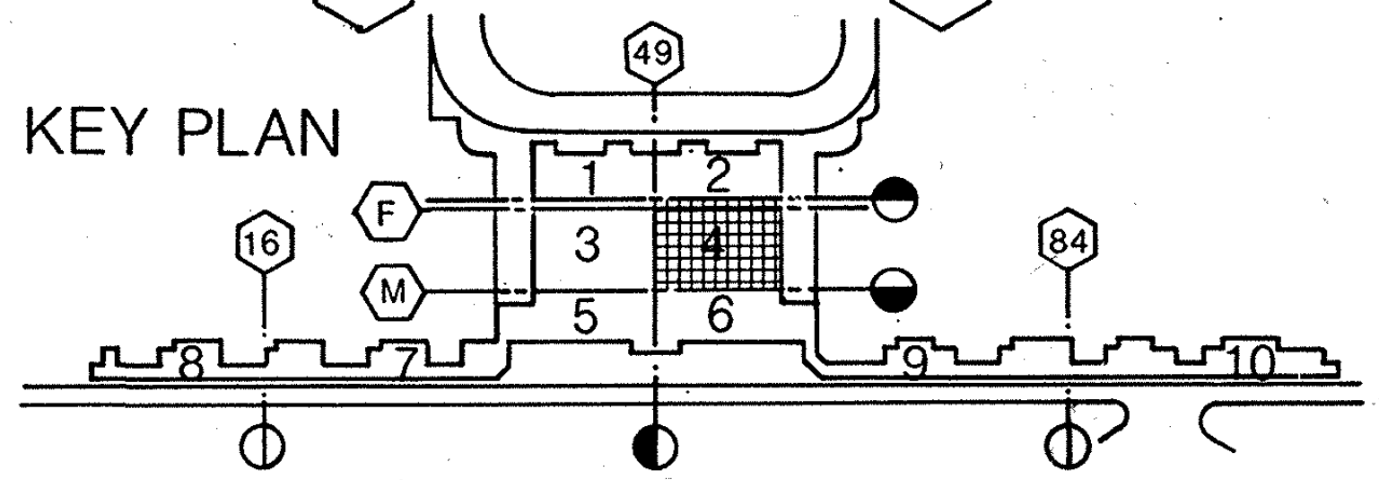
S-2.1.3



NOTES:
1. ⬡ INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL.
2. G.B. = GRADE BEAM
T.B. = TIE BEAM
SEE SHT. S1.2.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N



AS BUILT			
6	8.22.84 E.A	C.N.# 27, 75, 337, 144, 296, 285. R.F.I.# 235, 86, 136-S.	
5		F.I.S. REVISION C.N.# 285	
4	11-1-82	F.I.S. REVISIONS C.N.# 285	
3	6-1-82	GEN. COORDINATION	
A	3-8-82	ADDENDUM A	
F	AB.0.4.A		S1.4

William L. Pereira F.A.I.A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow #5530

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Date FEB 3, 1982

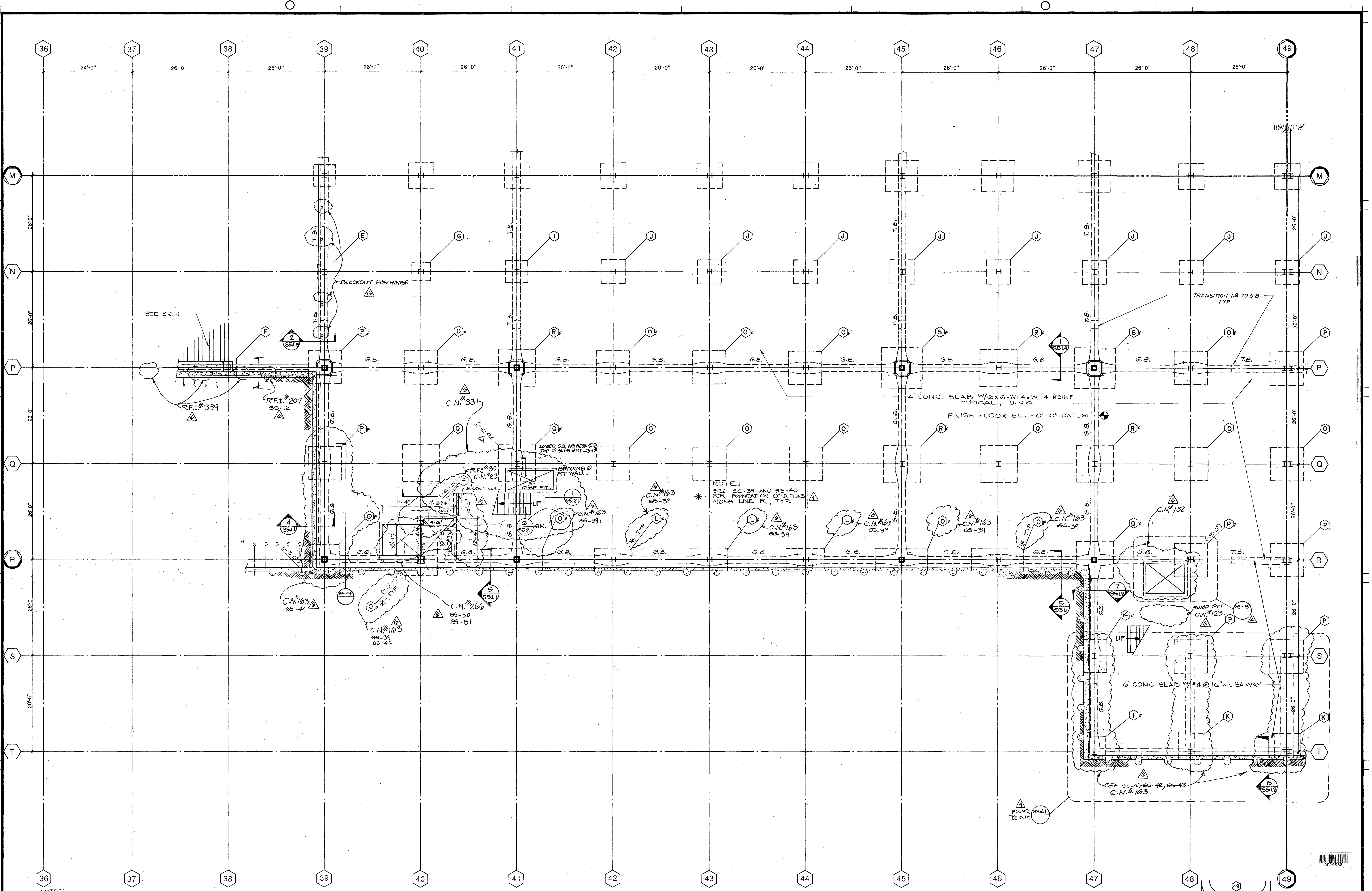
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FOUNDATION PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by
Drawn by TC
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. A-4
S2.1.4
Sheet of Sheets

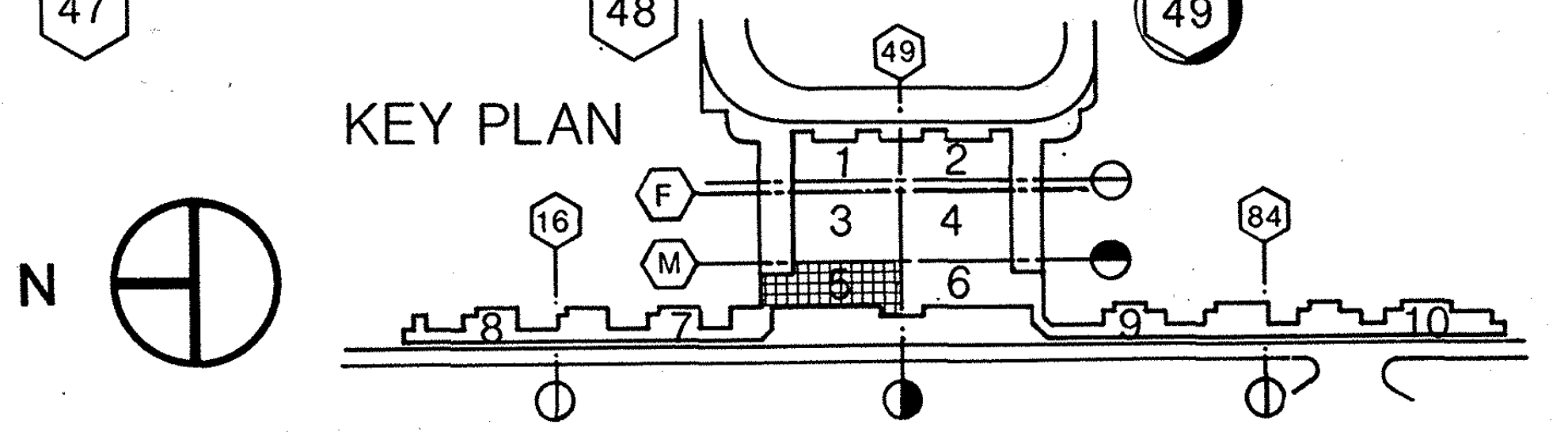
S-2.1.4



NOTES:

1. INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL.
2. G.B. = GRADE BEAM
T.B. = TIE BEAM
SEE SHT. S1.2.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"



AS BUILT

5 4/22/83 COORDINATION WITH ARCHT'L DRAWINGS
6 8.22.83 E.F C.N.#266, 331, 163, 123, 132, 18, 23. R.F.I.#55-3, 30, 339, 207.
3 6-1-82 GENERAL COORDINATION
4 4/22/83 GENERAL COORDINATION WITH PREVIOUSLY ISSUED CHANGE NOTICES
B 3-19-82 ADDENDUM B
F AB.0.5
S1·5

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

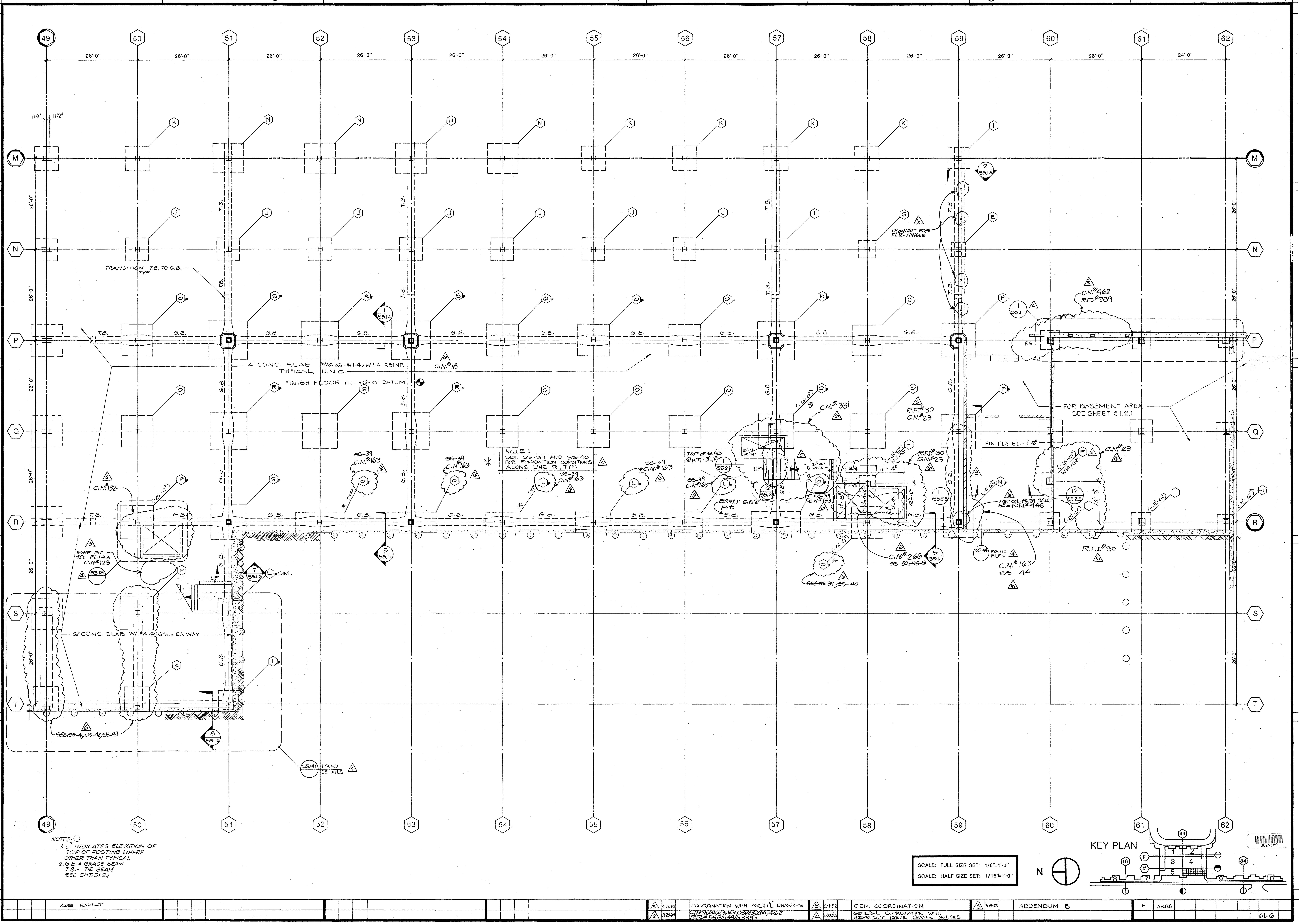
Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FOUNDATION PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600
Designed by TBC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. A-5
S2.1.5
Sheet of Sheets



NOTES:
1. ⬡ INDICATES ELEVATION OF TOP OF FOOTING WHERE OTHER THAN TYPICAL
2. G.B. = GRADE BEAM
T.B. = TIE BEAM
SEE SHT. S1.2.1

		AS BUILT	△5	4.22.83	COORDINATION WITH ARCHT'L DRAW'GS	△3	6-1-82	GEN. COORDINATION	△B	3-17-82	ADDENDUM B
			△6	8.23.84	C.N.#18,132,123,163,331,23,266,462 R.F.I.#55,30,448,339.	△4	4/22/83	GENERAL COORDINATION WITH PREVIOUSLY ISSUE CHANGE NOTICES			

F AB.0.6 S1.6

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

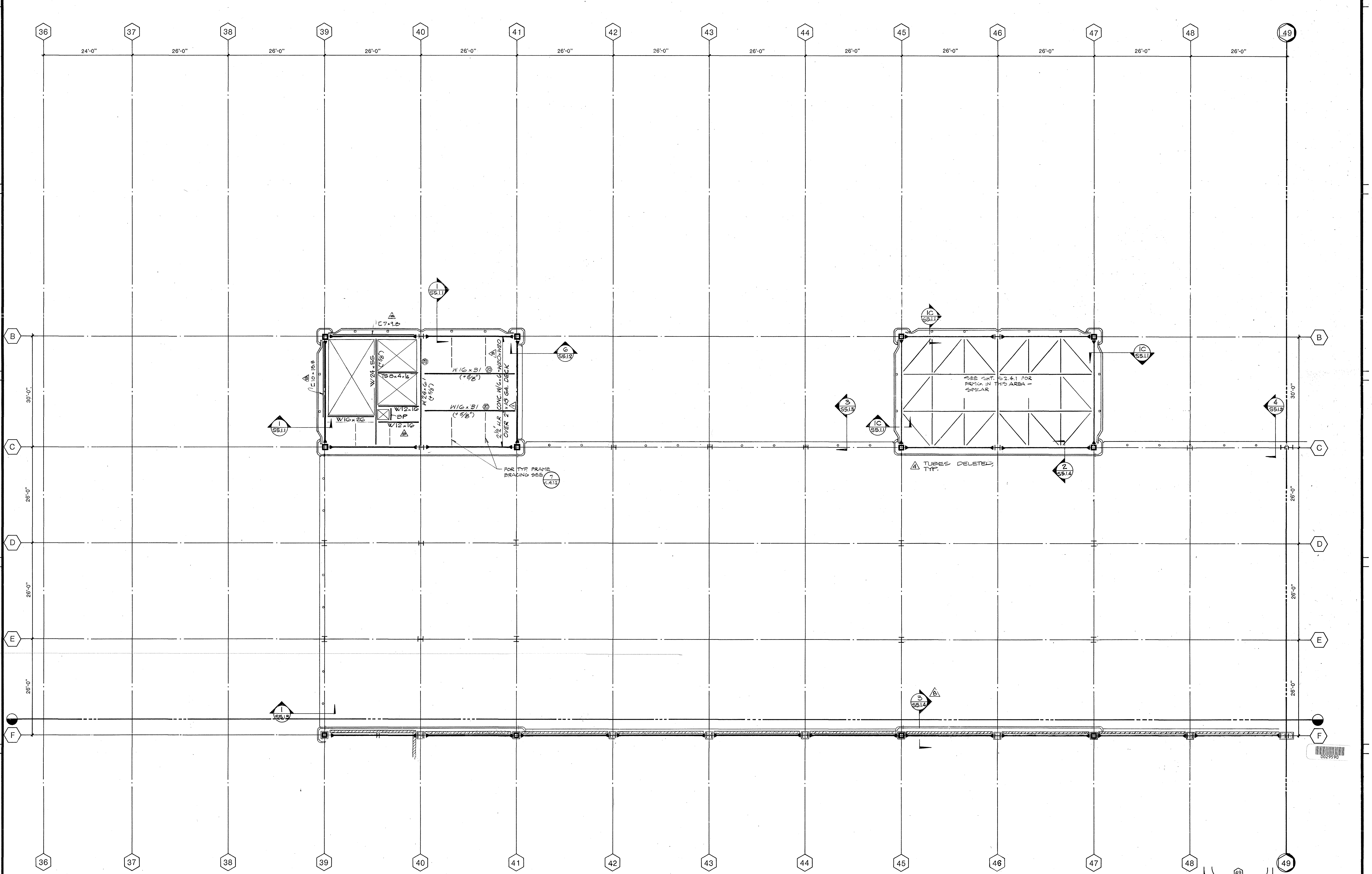
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - ARRIVAL LEVEL
Department of Airports Drawing No. 82001-600
Designed by TBC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. A-5 S2.1.6
Sheet of Sheets

S-2-1.6

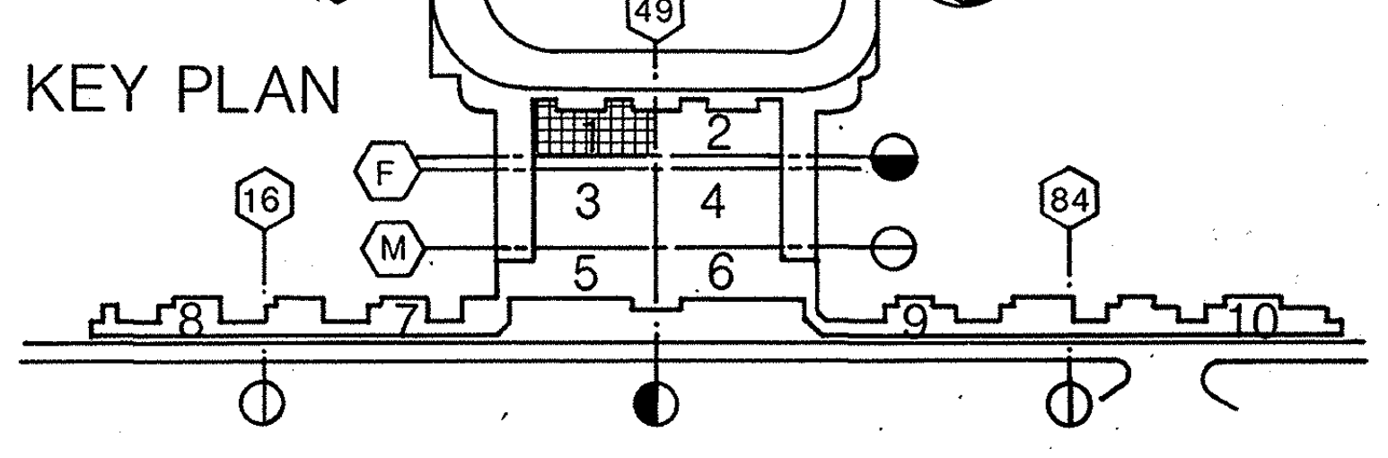


NOTES:
1. BP DENOTES BENT PL 4½"×3"×¼"
2. ◡ INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



			AS BUILT
4	83		
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT CORRECTIONS
B	3-1982		ADDENDUM B

F AB.0.1

S2.1

William L. Pereira F.A.I.A.

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record	WLP
Project Architect	REM
Date	FEB. 3, 1982
Engineer Date	

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

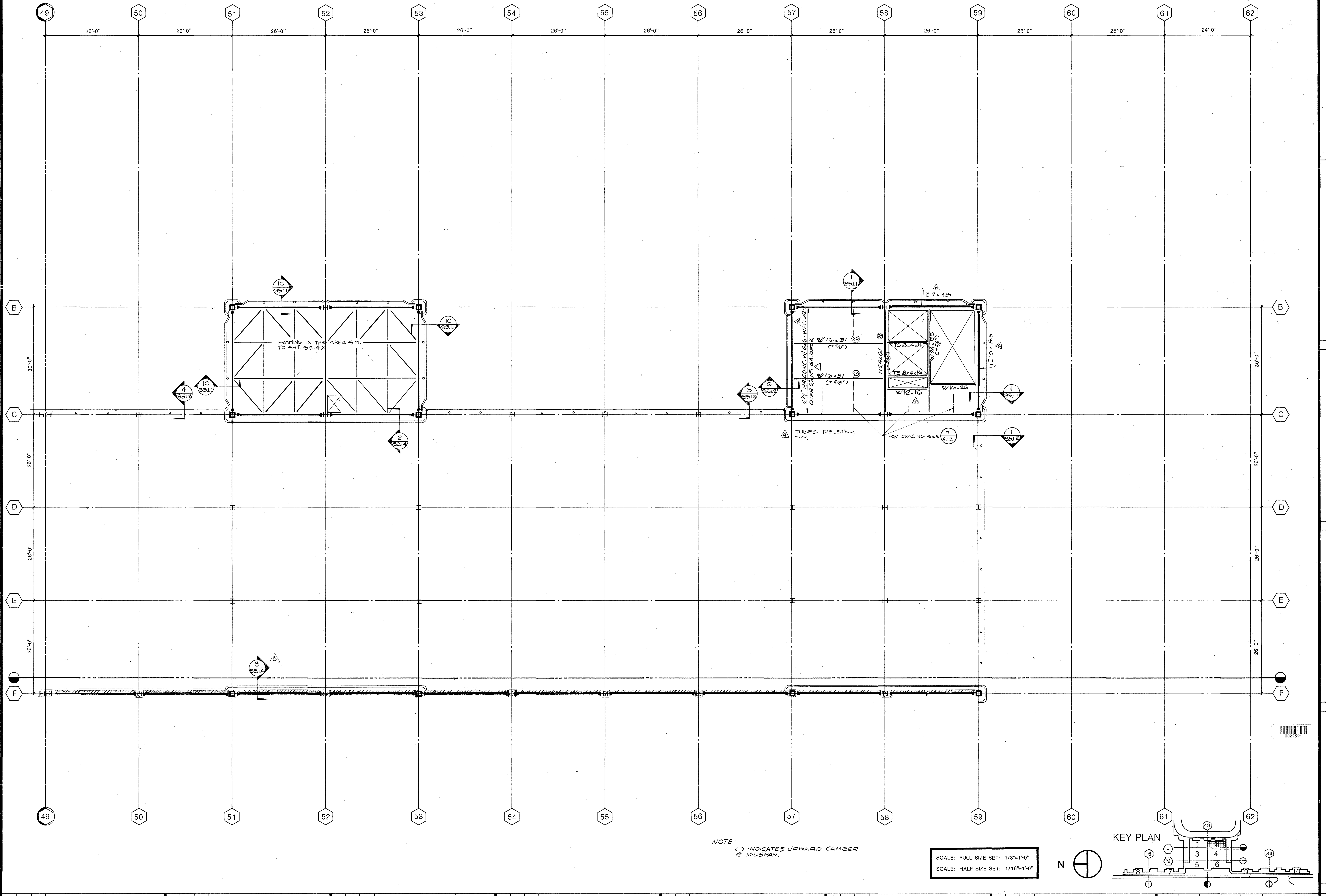
City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project	WEST TERMINAL AND AIRCRAFT APRON
Drawing Title	FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No.	82001-600
Designed by	TC
Drawn by	
Chief Architect	JDW/BAS
PDSW Project No.	79000
Drawing No.	S2.2.1
Sheet of Sheets	

1·1

S-2.2.1



NOTE:
( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT		△4	88	△3	6-1-82	GENERAL COORDINATION	△B	3-19-82	ADDENDUM B
				△1	6-1-82	BLDG. DEPT. CORRECTIONS			

F	AB.0.2
	S2.2

William L. Pereira F.A.I.A
Benito A. Sinclair
John D. Williams

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira
Dworsky
Sinclair
Williams

5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Walter Packer
Date
FEB. 3, 1982

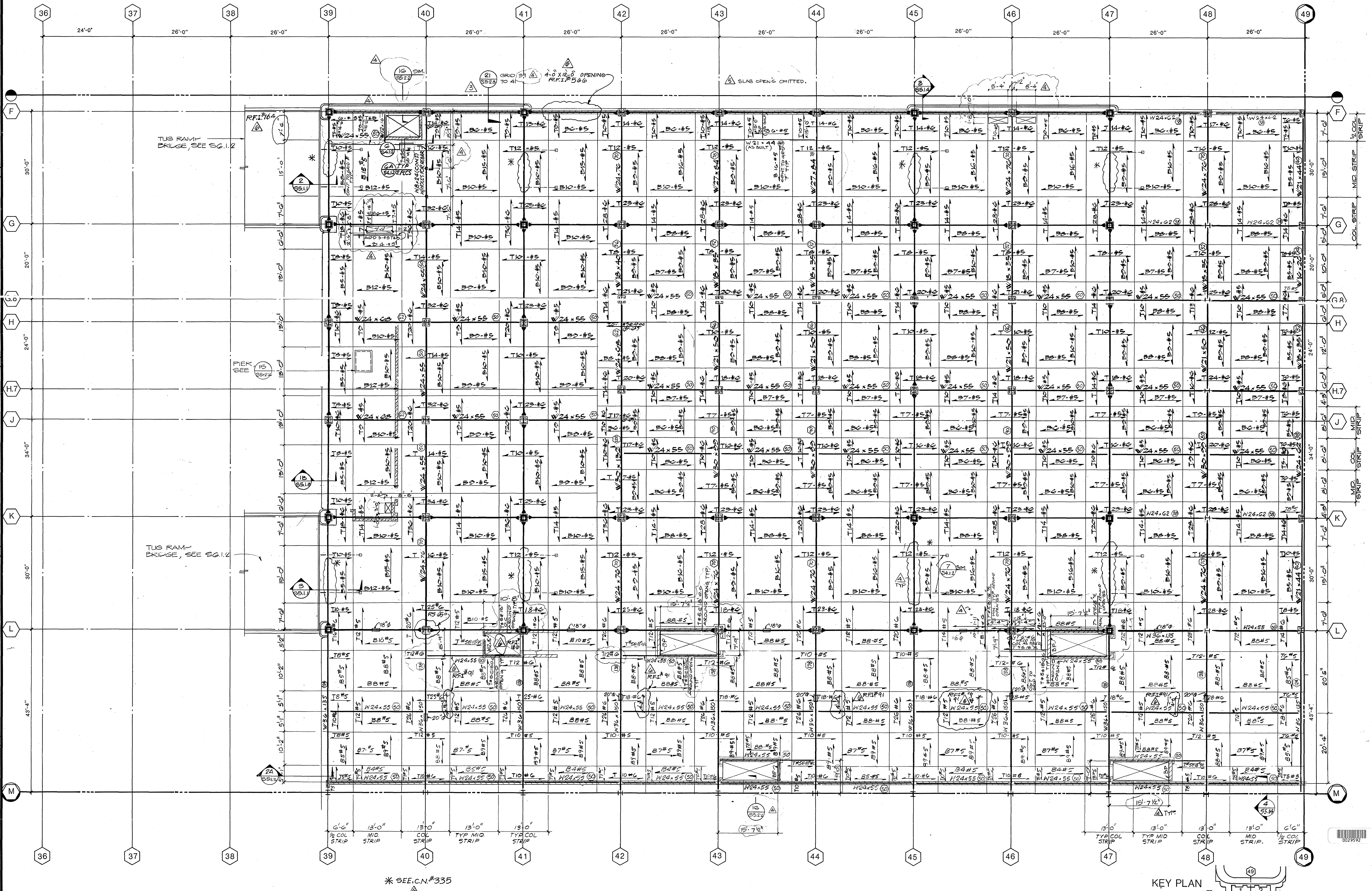
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No. 82001-600

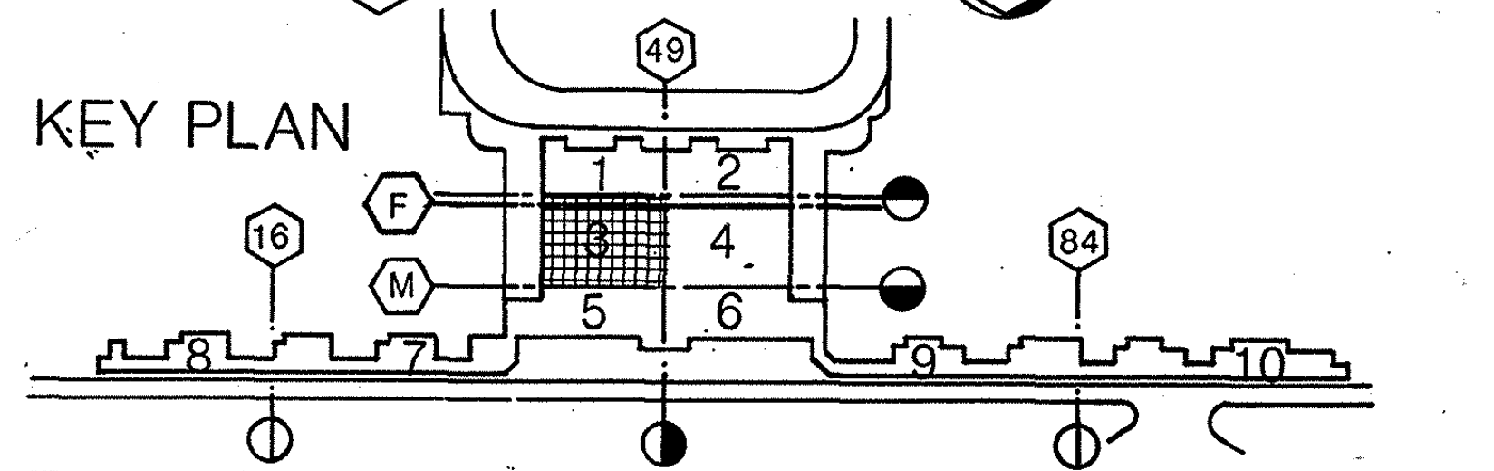
Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. I-2
S2.2.2
Sheet of Sheets

S-2.2.2



✱ SEE C.N. #335 ⑥



SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

"		AS BUILT	
⑥	8-23-84 E.F.	R.F.I. #164, 566, 166, 91. C.N. #960, 335.	
⑤	11-1-82	F.I.S. REVISION	
④	—	MISC. REVISIONS TO 11-1-82	
③	6-1-82	GEN. COORDINATION	
②		ADDENDUM A	

F AB.0.3A

S 2.3

William L. Pereira F.A.I.A.

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

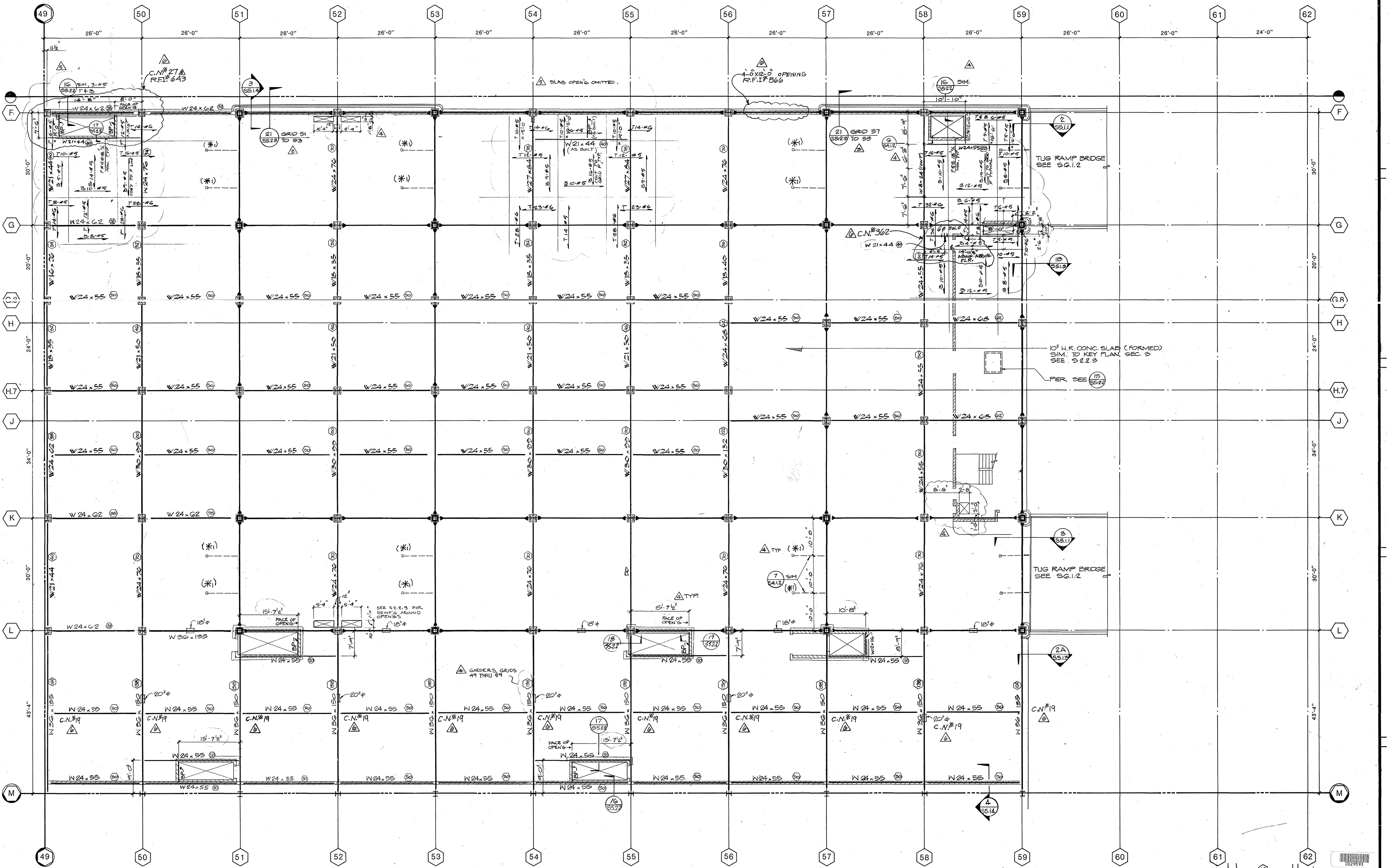
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

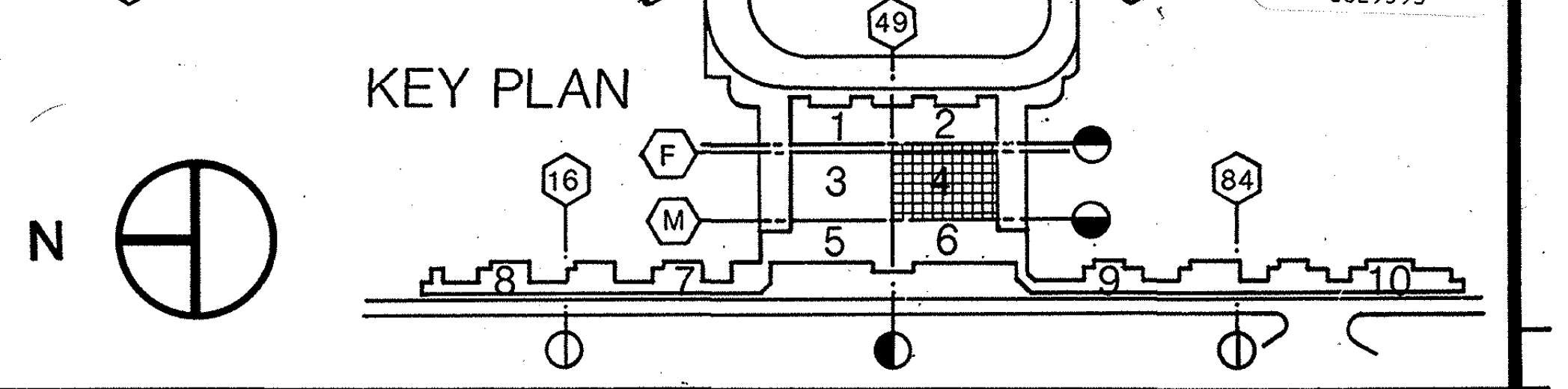
Drawing No. I-3
S2.2.3
Sheet of Sheets

S-2.2.3



(*1) SEE RIVERSIDE DWG 4E
C.N.#690

SCALE: FULL SIZE SET:	1/8"=1'-0"
SCALE: HALF SIZE SET:	1/16"=1'-0"



AS BUILT	8-23-84	6	E.F.	C.N.#690, 19, 27 ⚠, 362 R.F.I.#643, 566.	5	11-1-82	F.I.S. REVISION	3	6-1-82	GENERAL COORDINATION	F AB.0.4.A
					4	—	MISC. REV.'S TO 11-1-82	A	3-8-82	ADDENDUM A	S2.4

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
#5500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

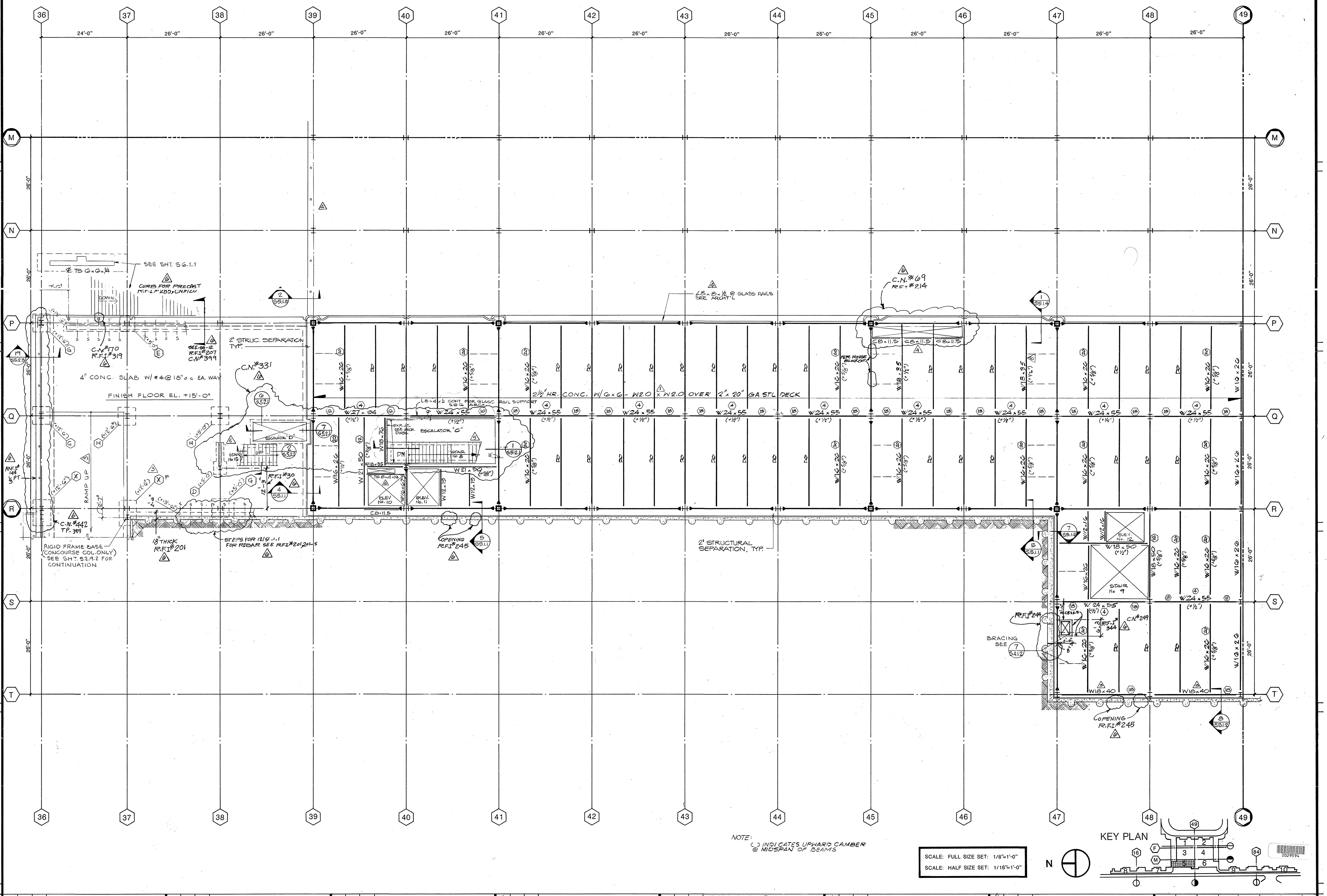
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. 1-4
S2.2.4
Sheet of Sheets

S.2.2.4



NOTE:
( ) INDICATES UPWARD CAMBER @ MIDSPAN OF BEAMS

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

0029594

AS BUILT	5	4/22/83		COORDINATION WITH ARCHT'L DRAW'GS	4	4/22/83	GENERAL COORDINATION WITH PREVIOUSLY ISSUED CHANGE NOTICES	1	6-1-82	BLDG. DEPT. CORRECTIONS	B	3-17-82	ADDENDUM B
	6	8-23-84	E.F.	R.F.I.#245, 244, 214, 30, 285, 148, 201. C.N.#249, 69, 331, 399, 120, 170, 442.	3	6-1-82	GENERAL COORDINATION	C	3-31-82	ADDENDUM C			

F AB.0.5

S 2.5

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

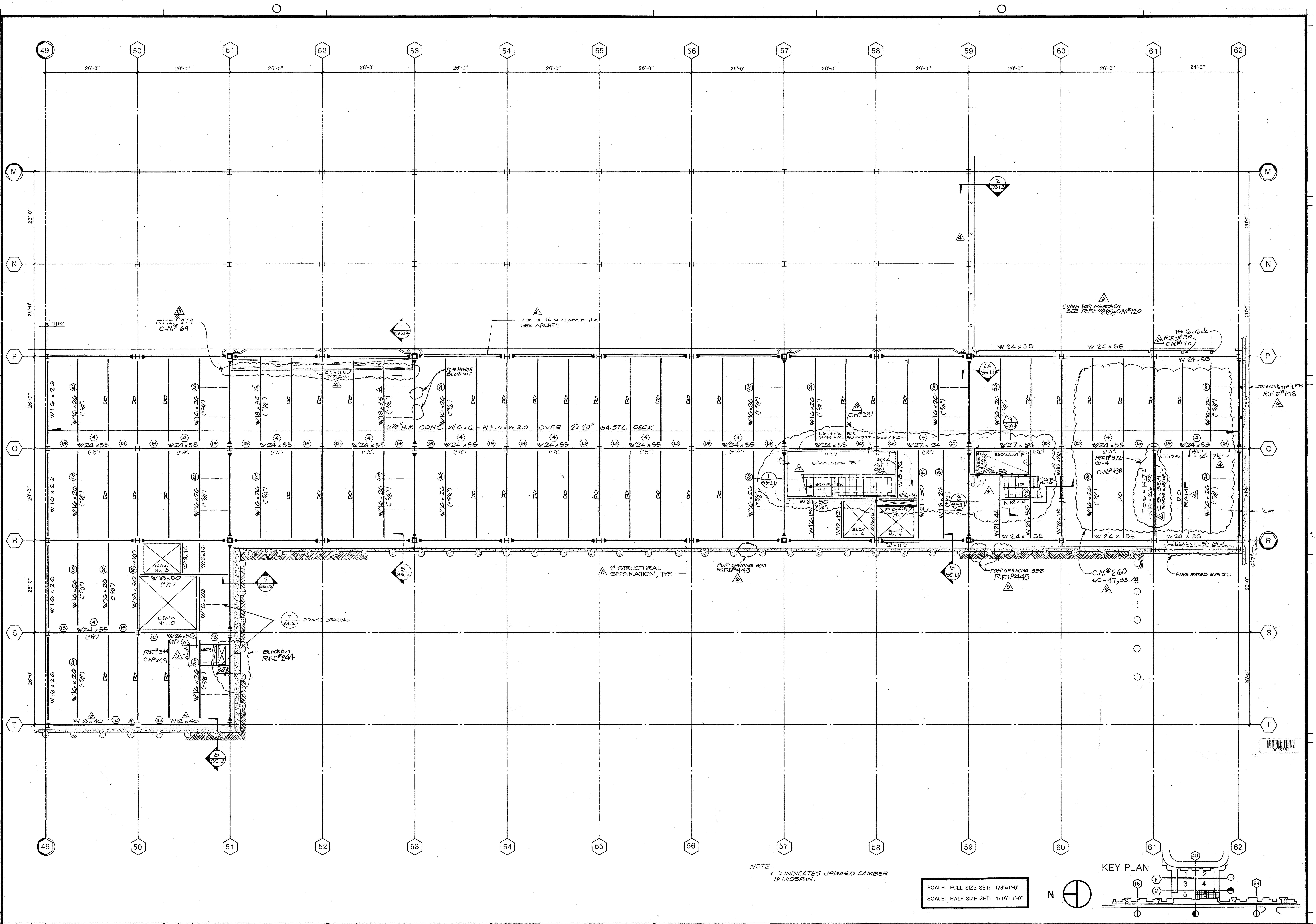
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by TBC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. 1-5
S2.2.5
Sheet of Sheets

S.2.2.5



NOTE:
( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

5	4/22/83		COORDINATION WITH ARCHT'L DRAW'GS
6	8.23.84	E.A	R.F.I.# 344, 244, 445, 572, 285, 319, 148 • C.N.# 249, 438, 260, 438, 331, 120, 170 •
3	6-1-82		GENERAL COORDINATION
4	4/22/83		GENERAL COORDINATION WITH PREVIOUSLY ISSUED CHANGE NOTICES
B	3-19-82		ADDENDUM B

F AB.0.6

S2.6

William L. Pereira F.A.I.A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - INTERSTITIAL LEVEL
Department of Airports Drawing No. 82001-600

Designed by TBC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. I-6
S2.2.6
Sheet of Sheets

S.2.2.6

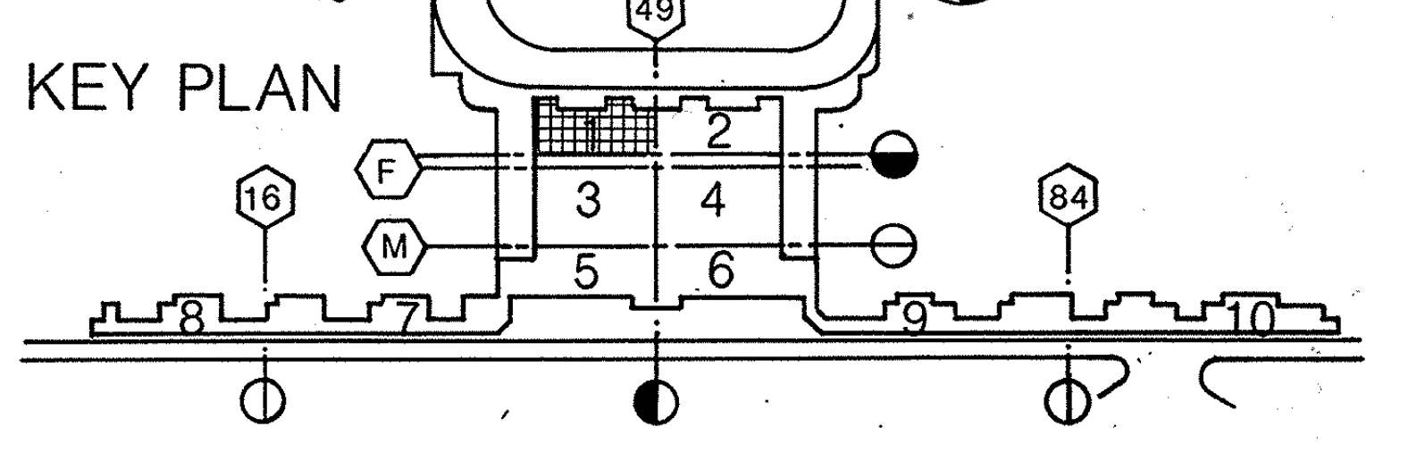
36
37
38
39
40
41
42
43
44
45
46
47
48
49
24'-0"
26'-0"
B
C
D
E
F
30'-0"
26'-0"
C.N.#373
2
3'-0"
8'-8"
17'-4"
8'-8"
3'-0"
4½" MIN. EXP. JT. OR THAT REQ'D BY CIVIL (ROADWAY) ENGRS. CIVIL ENGRS. TO VERIFY
B-5
B-2
B-3
B-9
S-4
S-4A
S-5
DN.
FLR. HINGE BLOCKOUT
B-5A
C.N.#197
W16x26
W12x16
BP
W18x35
W18x60
W24x61
W24x84
W16x31
W16x26
W24x55
TS8x4x¼
SEE: SS-7 C.N.#53
⅊ GIRDER 'A' W/ 52"x28" OPNG.
⅊ GIRDER 'B' W/ 52"x28" OPNG.
(SEE S4.12 FOR ⅊ GIRDER DETAILS & SHEAR STUD REQUIREMENTS, TYP.)
4½" H.R. CONC. – #4 @ 18" EA WAY – 3" x 18 GA. DECK.
*CUT HOLES PER R.F.I.# 261, C.N.#198
C.N.#53 SS-7
FOR FRAME BRACING SEE S4.12 TYP. U.N.O.
S5.1.1
S5.1.2
S5.1.3
S5.1.4
S6.2.1

NOTE:
BP DENOTES BENT 7½" x 3" x 5/16"

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



			AS BUILT
2	8-23-84	E.A.	C.N.#373, 53, 197, 198, 53. R.F.I.# 261, 161, 161-S.
1	6-1-82		BLDG. DEPT. CORRECTIONS
D	4-5-82		ADDENDUM D
B	3-19-82		ADDENDUM B

F AB.0.1

S3.1

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

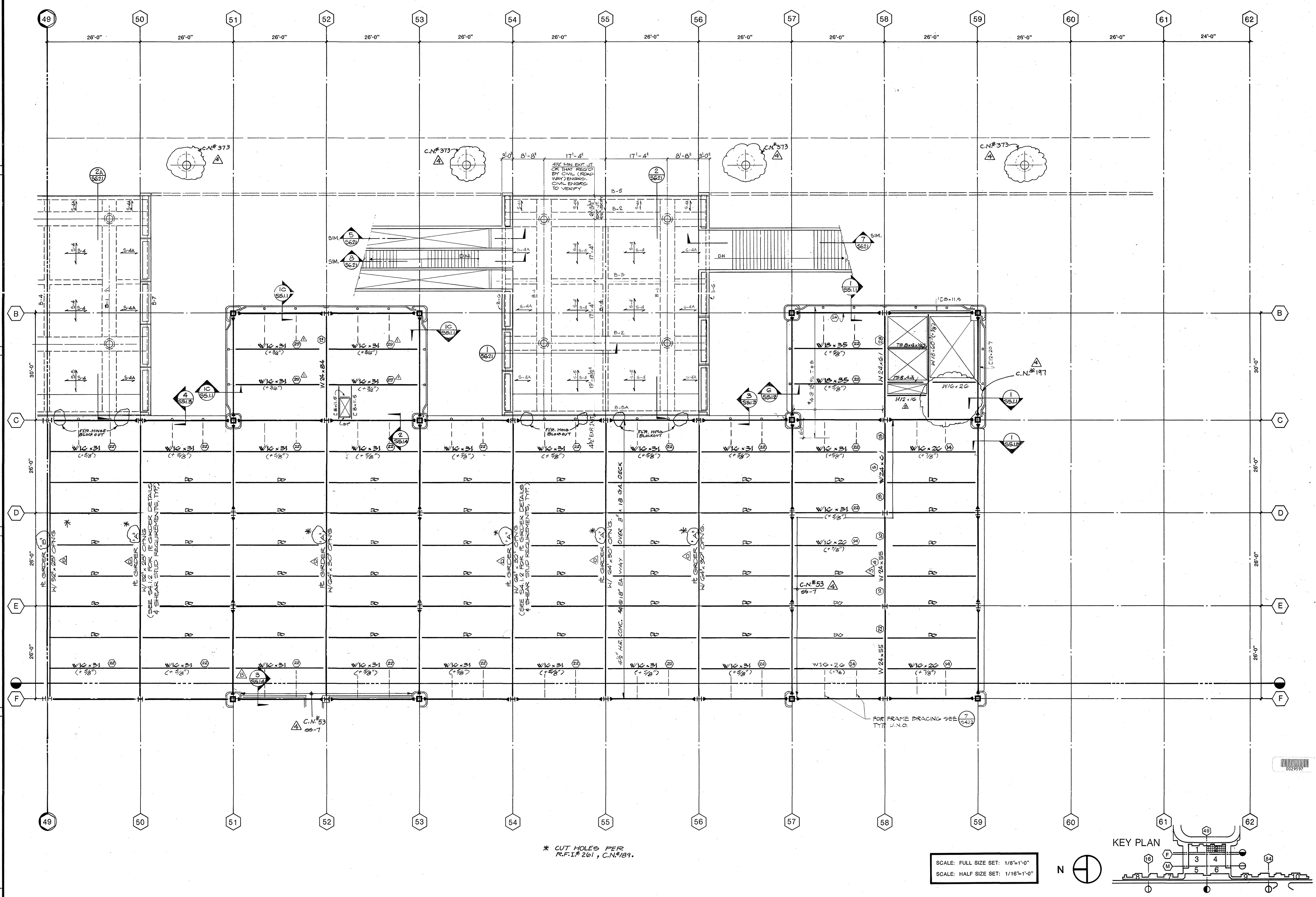
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - DEPARTURE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. D-1
S2.3.1
Sheet of Sheets

0029596


49
50
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52
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54
55
56
57
58
59
60
61
62
26'-0"
24'-0"
30'-0"
B
C
D
E
F
C.N.#373
C.N.#197
C.N.#53
4½" MIN EXP JT OR THAT REQ'D BY CIVIL (ROADWAY) ENGRS. CIVIL ENGRS TO VERIFY
DN
SIM.
W16×31
W16×26
W18×35
W24×84
W24×61
W24×55
℄ GIRDER W/ 24×30 OPNG
(SEE S4.1.2 FOR ℄ GIRDER DETAILS & SHEAR STUD REQUIREMENTS, TYP.)
4½" H.R. CONC. 3" 18 GA. DECK
FL'R. HINGE BLOCKOUT
FOR FRAME BRACING SEE 7/S4.12 TYP. U.N.O.
* CUT HOLES PER R.F.I.# 261, C.N.#189.
KEY PLAN
N

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT			
4	8-23-84	E.A.	C.N.# 373,197,189,53. R.F.I.# 261,161,161-S.
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTIONS
D	4-5-82		ADDENDUM D
B	3-17-82		ADDENDUM B
F	AB.0.2		S3.2

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George L. Brandow

Architect of Record: WLP
Project Architect: REM
Date: FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date: FEB. 3, 1982

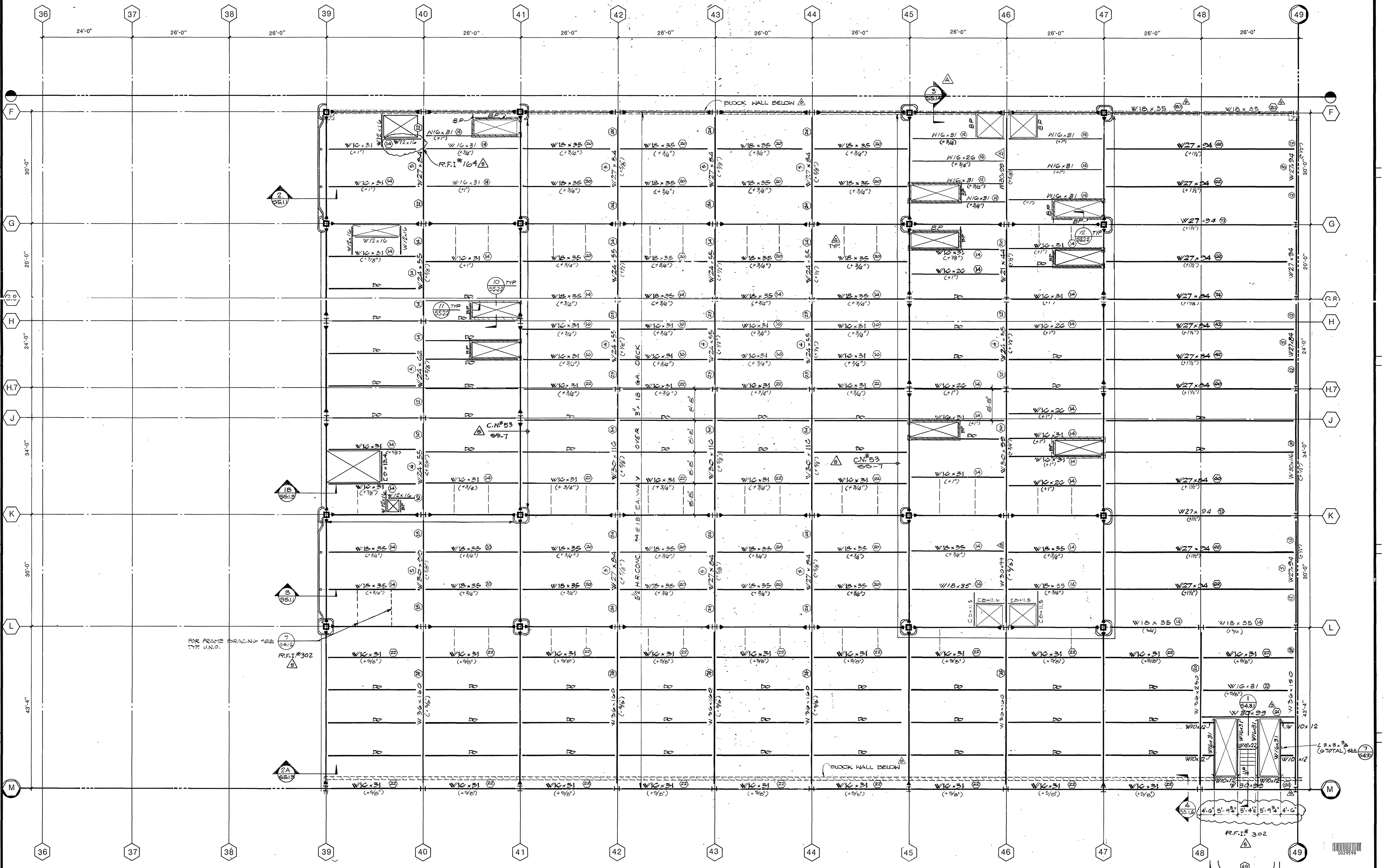
West Terminal
Los Angeles International Airport

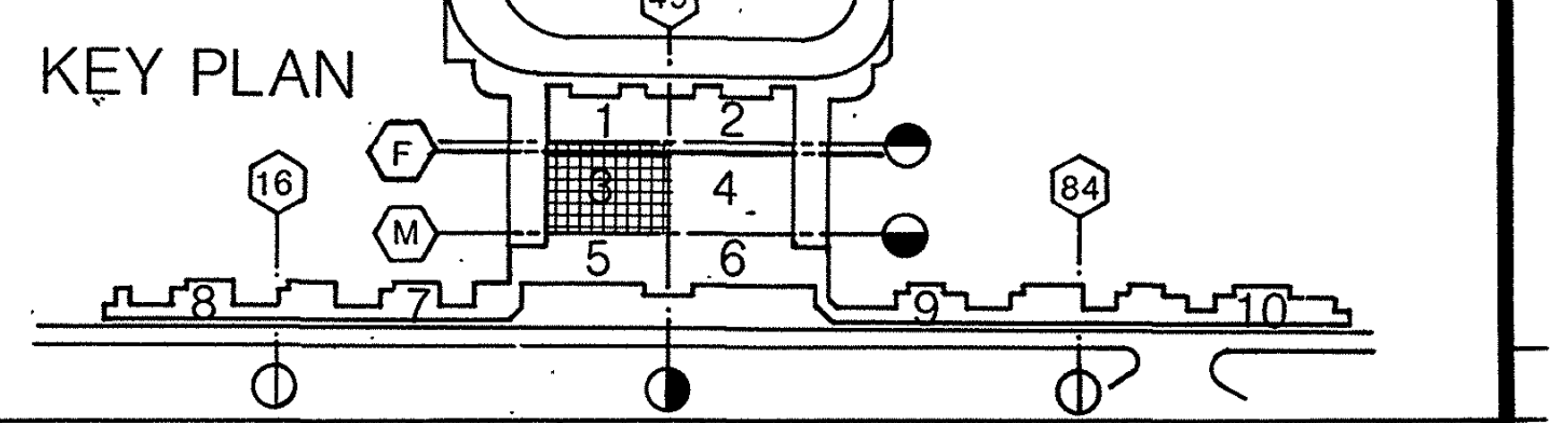
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - DEPARTURE LEVEL
Department of Airports Drawing No.: 82001-600

Designed by: DF
Drawn by
Chief Architect: JDW / BAS
PDSW Project No.: 79000

Drawing No.: D-2
S2.3.2
Sheet of Sheets

S.2.3.2





NOTES:
1. BP DENOTES BENT PL 8½ x 3 x 5/16
2. ( ) INDICATES CAMBER UPWARD @ MIDSPAN

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

			AS BUILT
5	8.23.84	E.A	R.F.I.#302,164. C.N.#53.
4	'83		
3	6-1-82		GEN. COORDINATION
A			ADDENDUM A

F AB.0.3A

S3.3

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title

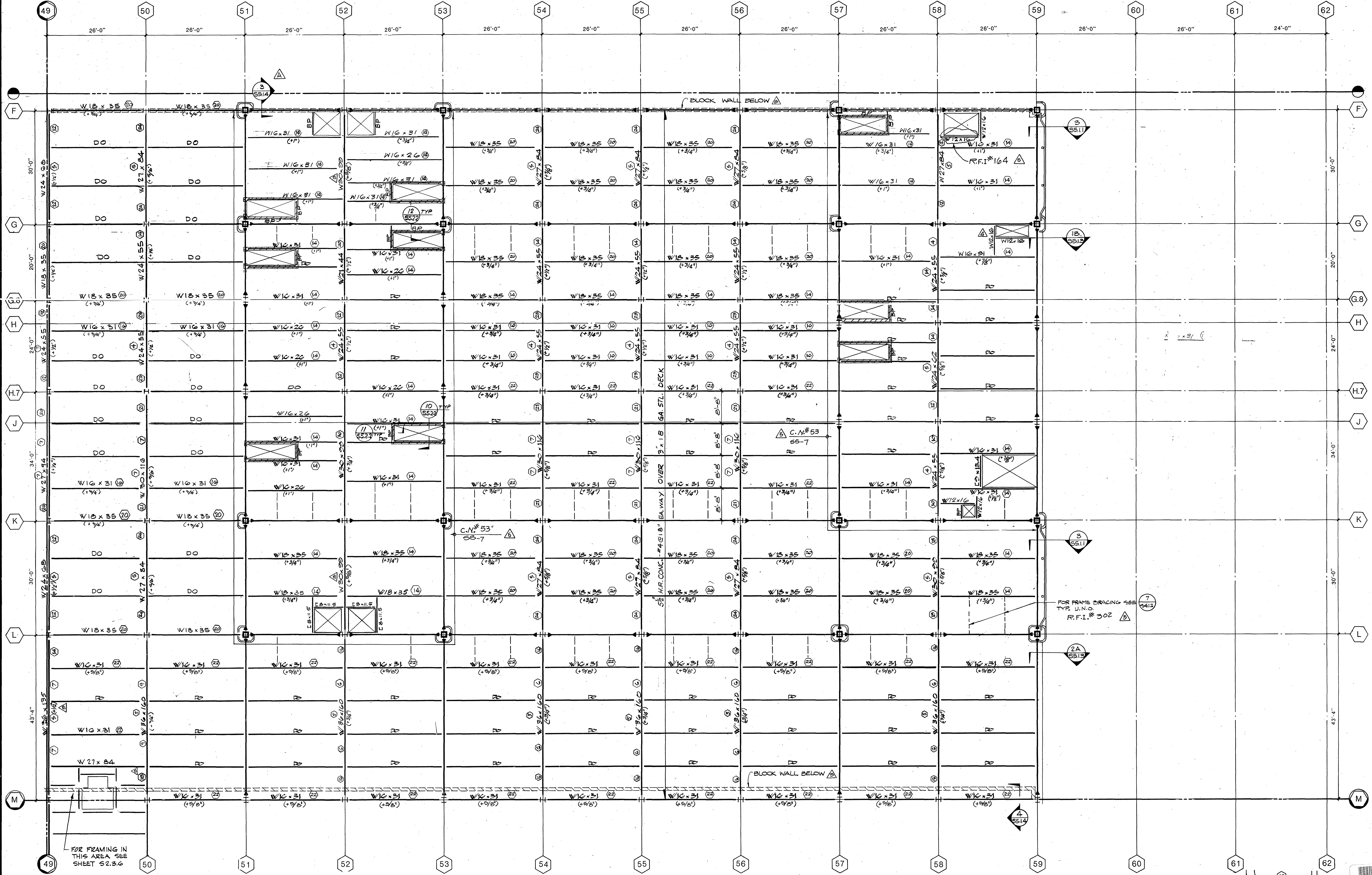
FRAMING PLAN - DEPARTURE LEVEL

Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. D-3
S2.3.3
Sheet of Sheets

S.2.3.3

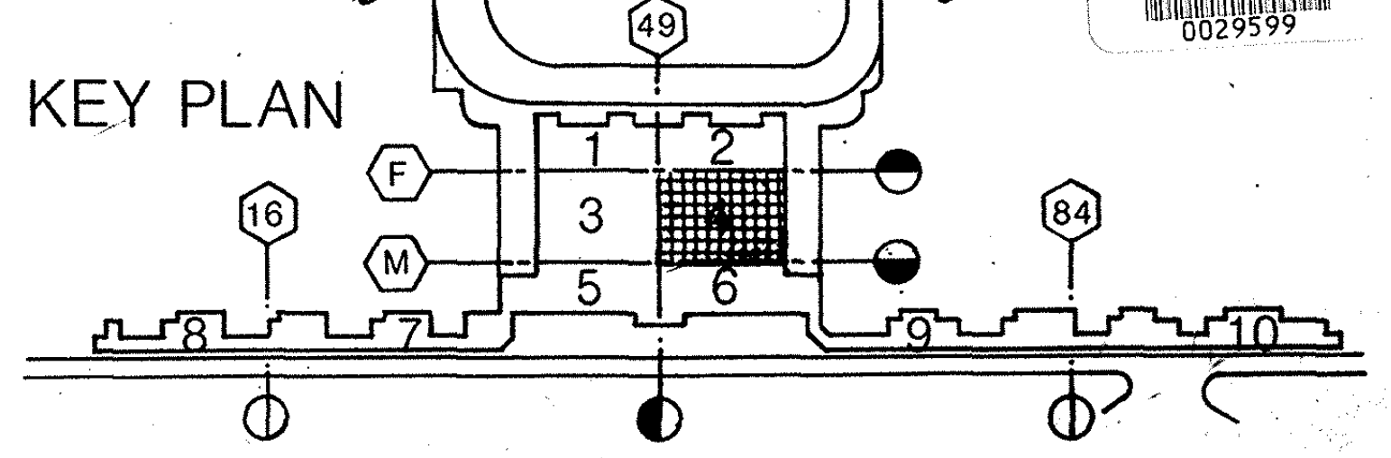


NOTES:
1. BP DENOTES BENT ℄ 8½×3×5/16
2. ( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029599

AS BUILT			
5	8.23.84	E.A.	R.F.I.# 302, 164. C.N.# 53.
4	.83		
2	6-1-82		GENERAL COORDINATION
A	3-2-82		ADDENDUM A

S 3.4

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George E. Brandow #5500

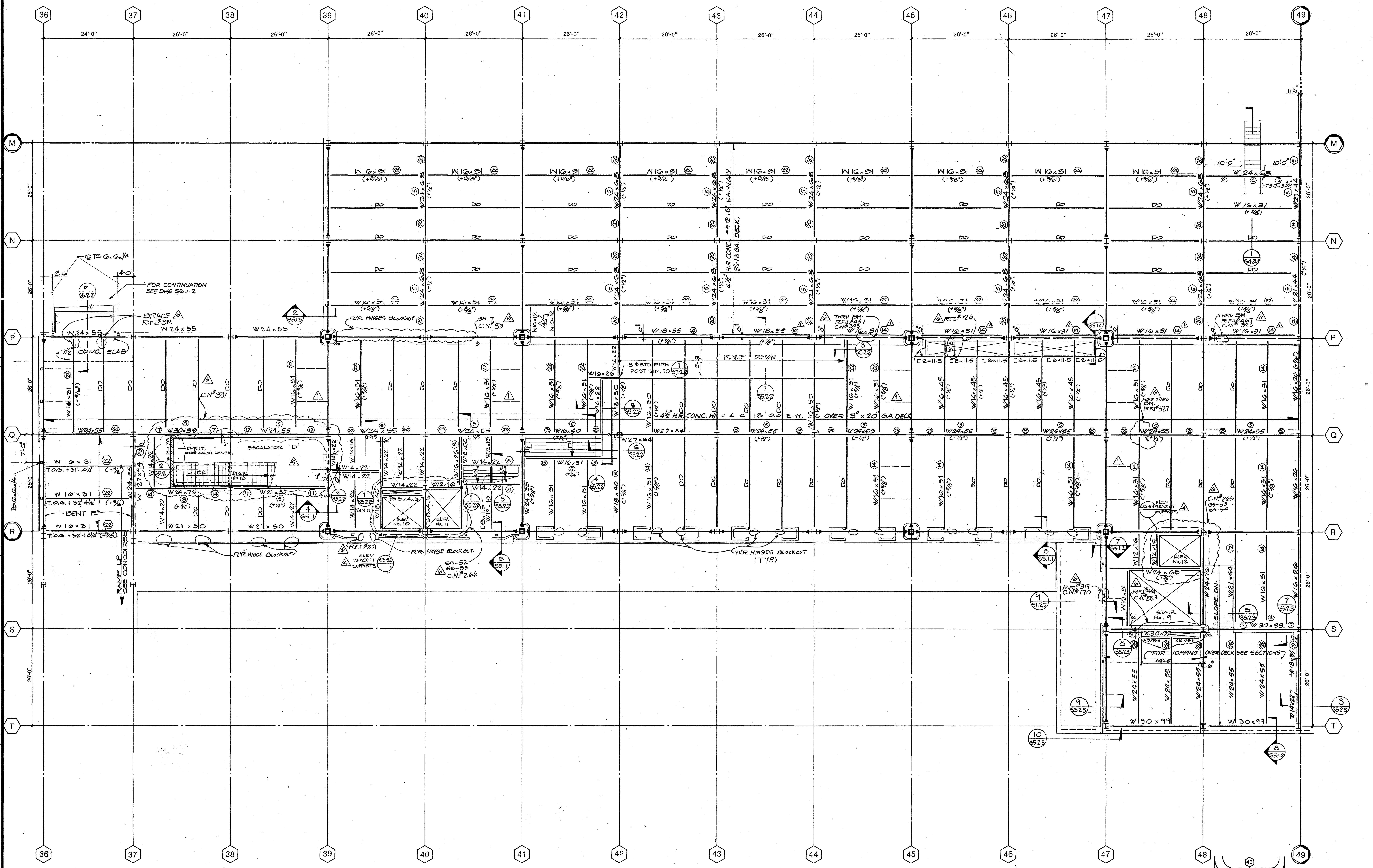
Architect WLP
REM
Date FEB. 3, 1982
Engineer
Date

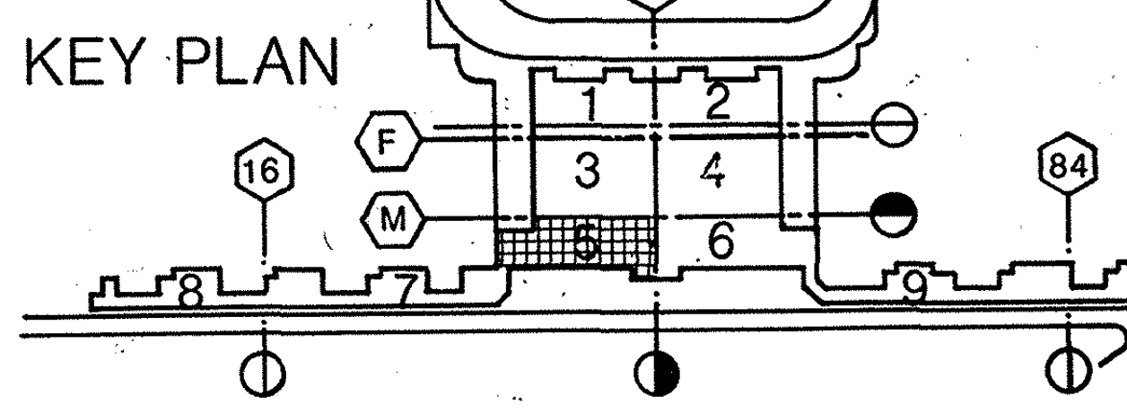
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Walter M. Packer
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - DEPARTURE LEVEL PLAN
Department of Airports Drawing No. 82001-600
Designed by DP
Drawn by
Project Architect JDW/BAS
PDSW Project No. 79000
Drawing No. D-4
S2.3.4
Sheet of Sheets





NOTES:
1. BP DENOTES BENT ℄ 8½ × 3 × 5/16.
2. ( ) INDICATES CAMBER UPWARD AT MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

0029600

		AS BUILT	6	8-23-84	E.F.	C.N.# 170, 331, 266, 53, 393, 283. R.F.I.# 319, 126, 527, 467, 444.	4	4-22-83	GENERAL COORDINATION WITH PREVIOUSLY ISSUED CHANGE NOTICES	3	6-1-82	GENERAL COORDINATION	B	3-19-82	ADDENDUM B
							5	4-22-83	COORDIATION WITH ARCHT'L DRAWINGS	1	6-1-82	BLDG. DEPT. CORRECTIONS			

F AB.0.5

S3.5

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow S2120

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Mal M. Packer
Date FEB. 3, 1982

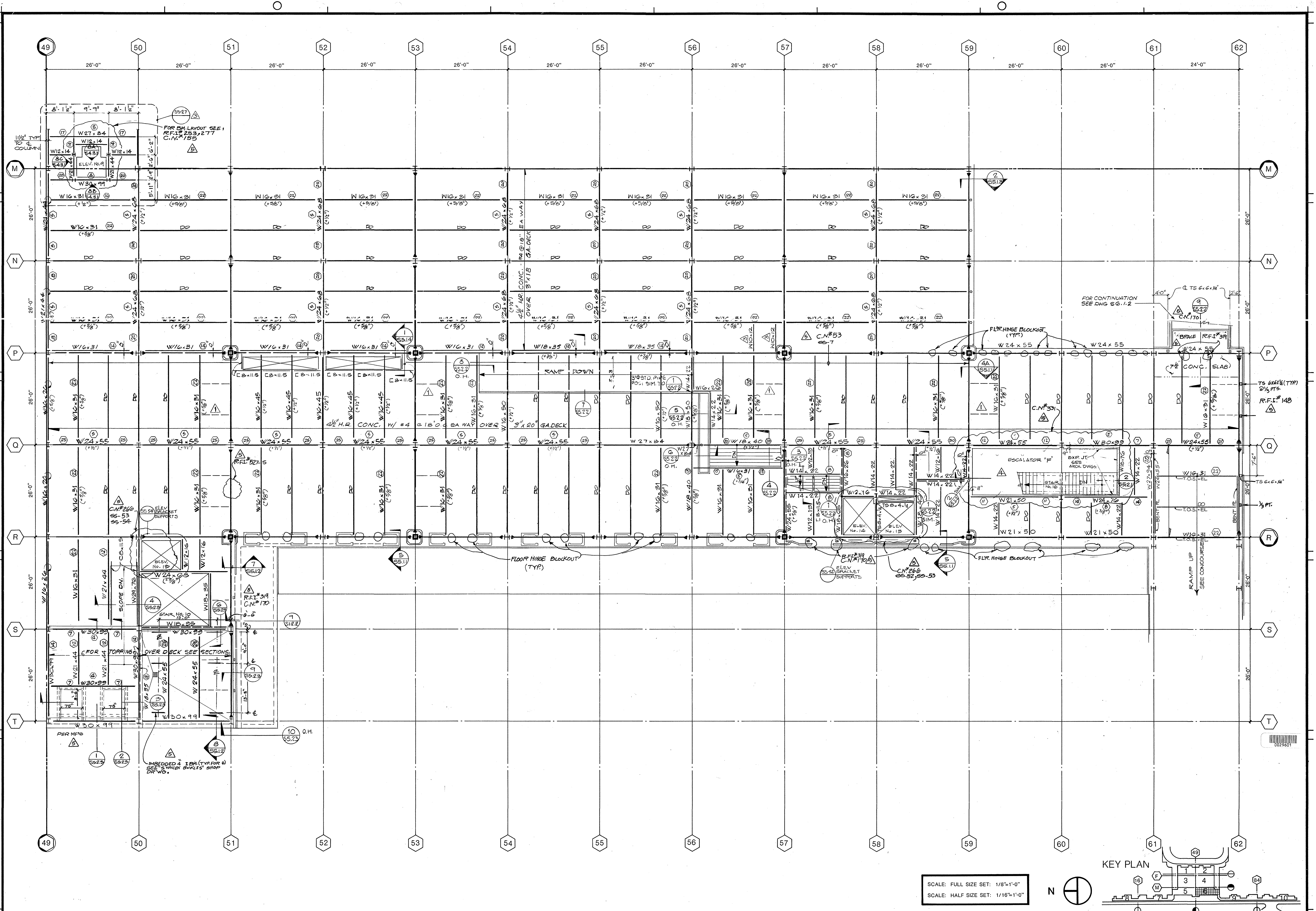
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - DEPARTURE LEVEL
Department of Airports Drawing No. 82001-600

Designed by TBC
Drawn by
Chief Architect JDW / BAS
PDSW Project No. 79000

Drawing No. D-5
S2.3.5
Sheet of Sheets

S2.3.5



SCALE: FULL SIZE SET: 1/8"=1'-0"

SCALE: HALF SIZE SET: 1/16"=1'-0"

			AS BUILT
5	8-23-84	E.F.	C.N.# 170, 331, 53, 266, 155 • R.F.I.# 319, 148, 277, 253 •
3	4/22/83		GENERAL COORDINATION WITH PREVIOUSLY ISSUED CHANGE NOTICES
4	4/22/83		COORDINATION WITH ARCH'L DRAW'GS
2	3-1-83		ARCHITECTURAL COORDINATION
1	6/1/82		BLDG. DEPT. CORRECTIONS
B	3-19-82		ADDENDUM B

F AB.0.6

S3.6

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3,1982

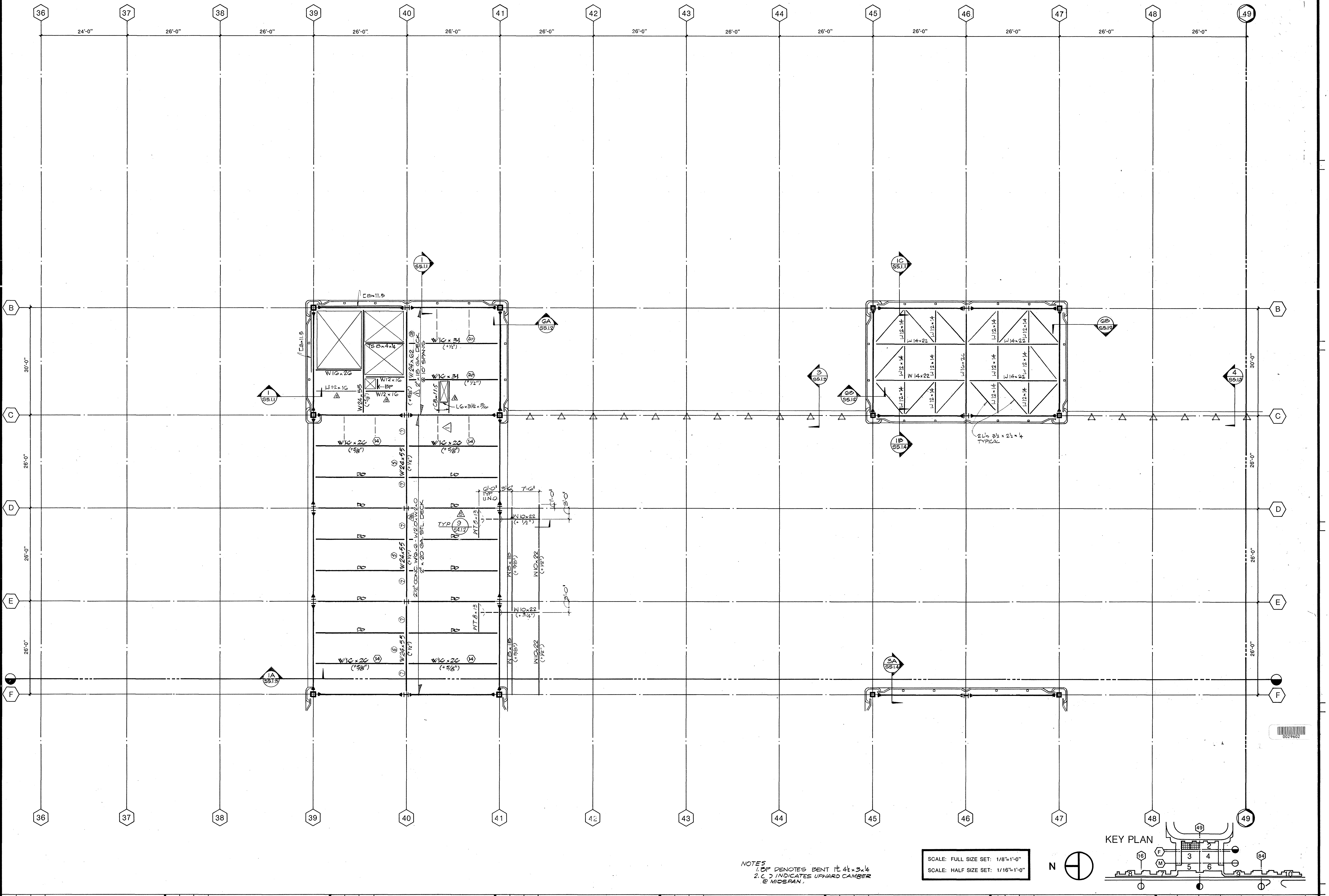
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - DEPARTURE LEVEL
Department of Airports Drawing No. 82001-600

Designed by TBC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. D-6
S2.3.6
Sheet of Sheets

S.2.3.6



NOTES
1. BP DENOTES BENT ℄ 4½×3×¼
2. ( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

4	3-21-85	AS BUILT CORRECTION	
3	6-1-82	GENERAL COORDINATION	
1	6-1-82	BLDG. DEPT. CORRECTIONS	
B	3-19-82	ADDENDUM B	
F	AB.0.1		S4.1

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow
E5000

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

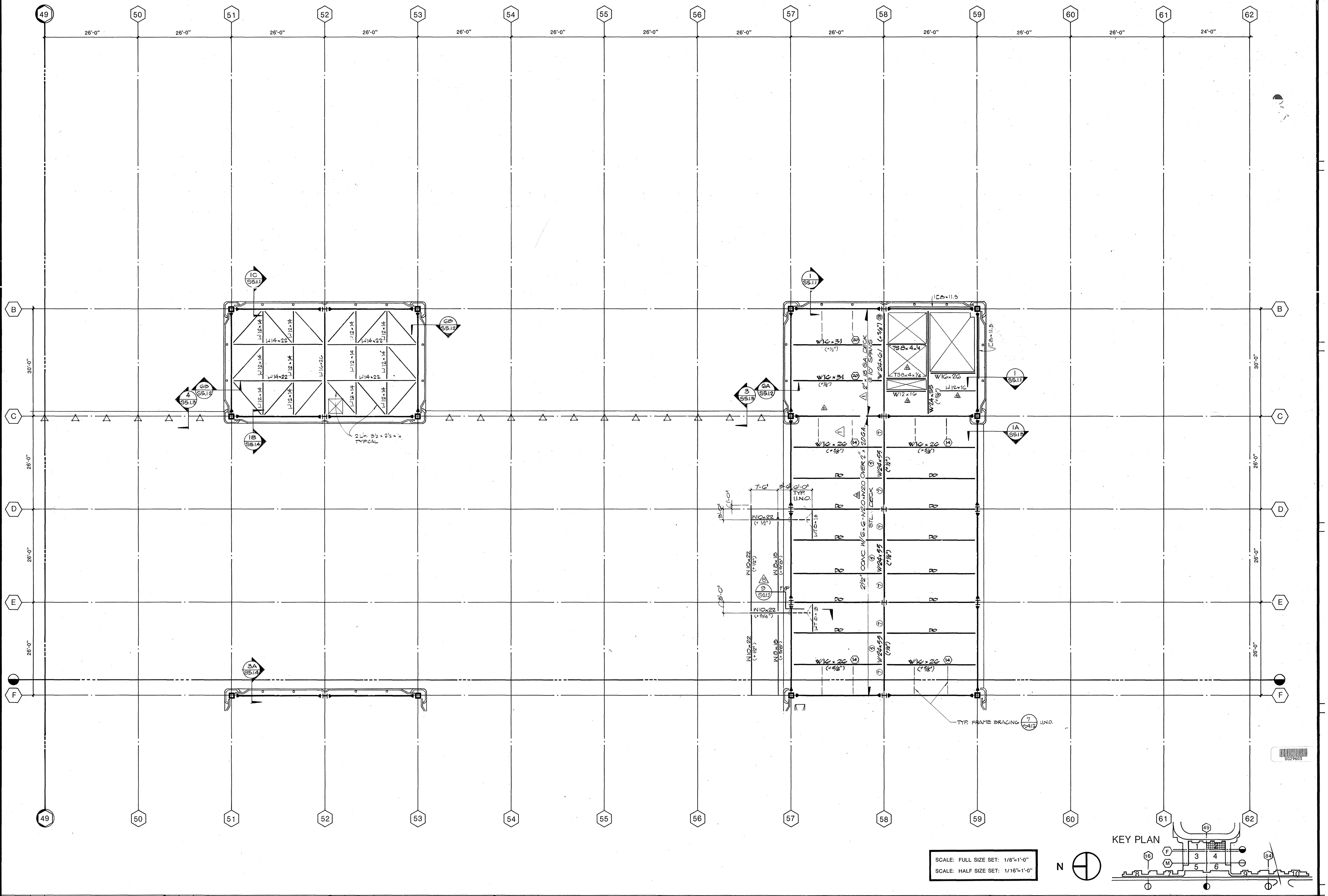
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Mal M. Packer
Date FEB. 3,1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600
Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. M-1
S2.4.1
Sheet of Sheets

S2.4.1



SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

△4	'83		
△3	6-1-82	GENERAL COORDINATION	
△1	6-1-82	BLDG. DEPT. CORRECTIONS	
△B	3-19-82	ADDENDUM B	
F	AB.0.2		

S4.2

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
#3500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

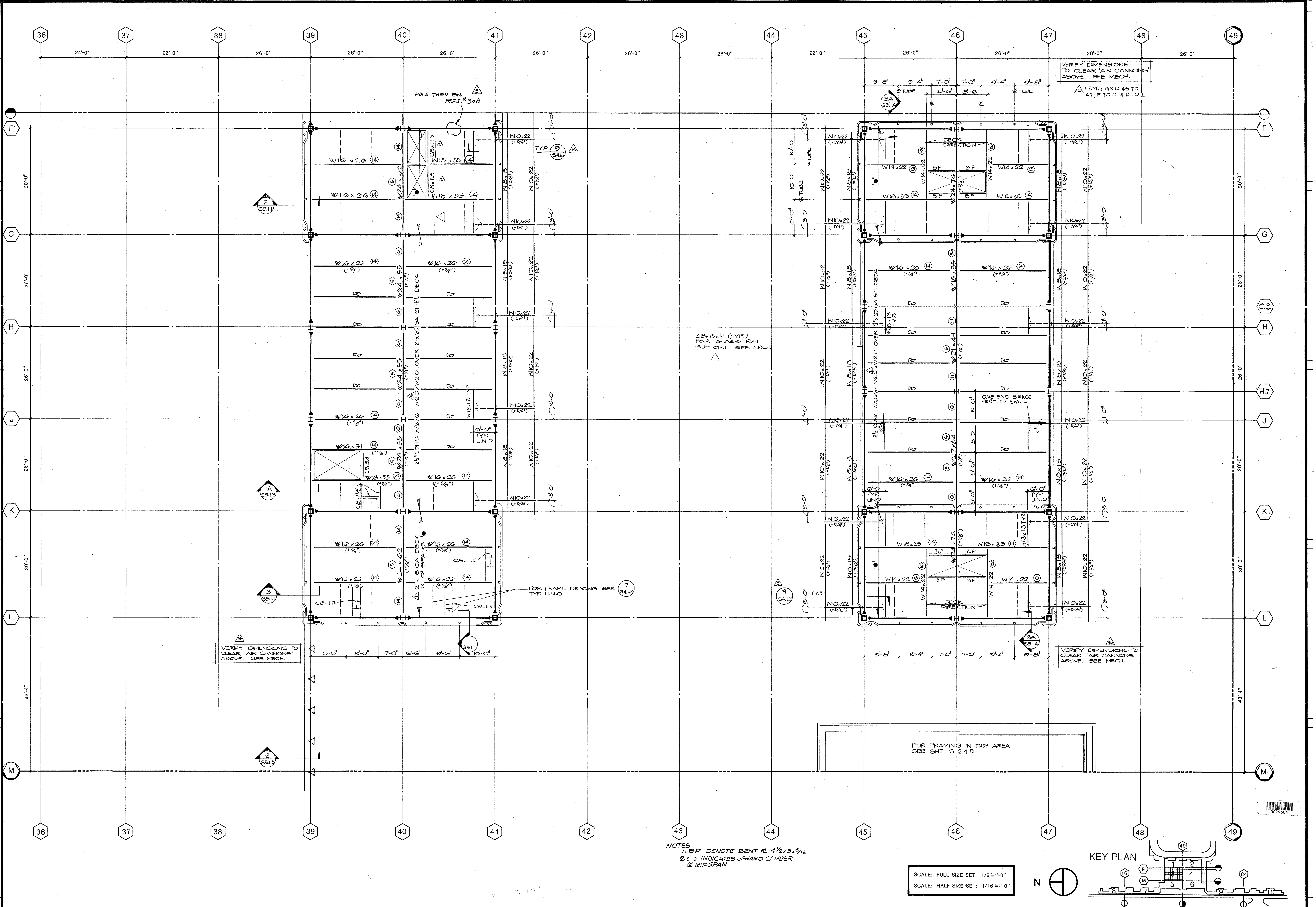
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. M-2
S2.4.2
Sheet of Sheets

S.2.4.2


36
37
38
39
40
41
42
43
44
45
46
47
48
49
F
G
H
H.7
J
K
L
M
24'-0"
26'-0"
30'-0"
43'-4"
HOLE THRU BM. R.F.I.# 308
VERIFY DIMENSIONS TO CLEAR "AIR CANNONS" ABOVE. SEE MECH.
FRM'G GRID 45 TO 47, F TO G & K TO L
W16 x 26
W18 x 35
W24 x 62
W24 x 55
W10 x 22
W8 x 18
W14 x 22
W21 x 44
W27 x 84
W16 x 31
C8 x 11.5
DECK DIRECTION
BP
2½" CONC. NW/G - W2.0 x W2.0 OVER 2" x 20 GA. STEEL DECK
2½" x 18 GA. DECK
L8 x 8 x ½ (TYP.) FOR GLASS RAIL SUPPORT - SEE ARCH.
ONE END BRACE VERT. TO BM.
FOR FRAME BRACING SEE 7 S4.1.2 TYP. U.N.O.
FOR FRAMING IN THIS AREA SEE SHT. S 2.4.5
KEY PLAN
N

NOTES
1. BP DENOTE BENT PL 4½ x 3 x 5/16
2. ( ) INDICATES UPWARD CAMBER @ MIDSPAN

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

3-21-85		AS BUILT CORRECTION	
5	8-13-84	E.F.	R.F.I.# 308
4	-83		
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTIONS
B	3-17-82		ADDENDUM B

F AB.03
S4.3

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3,1982

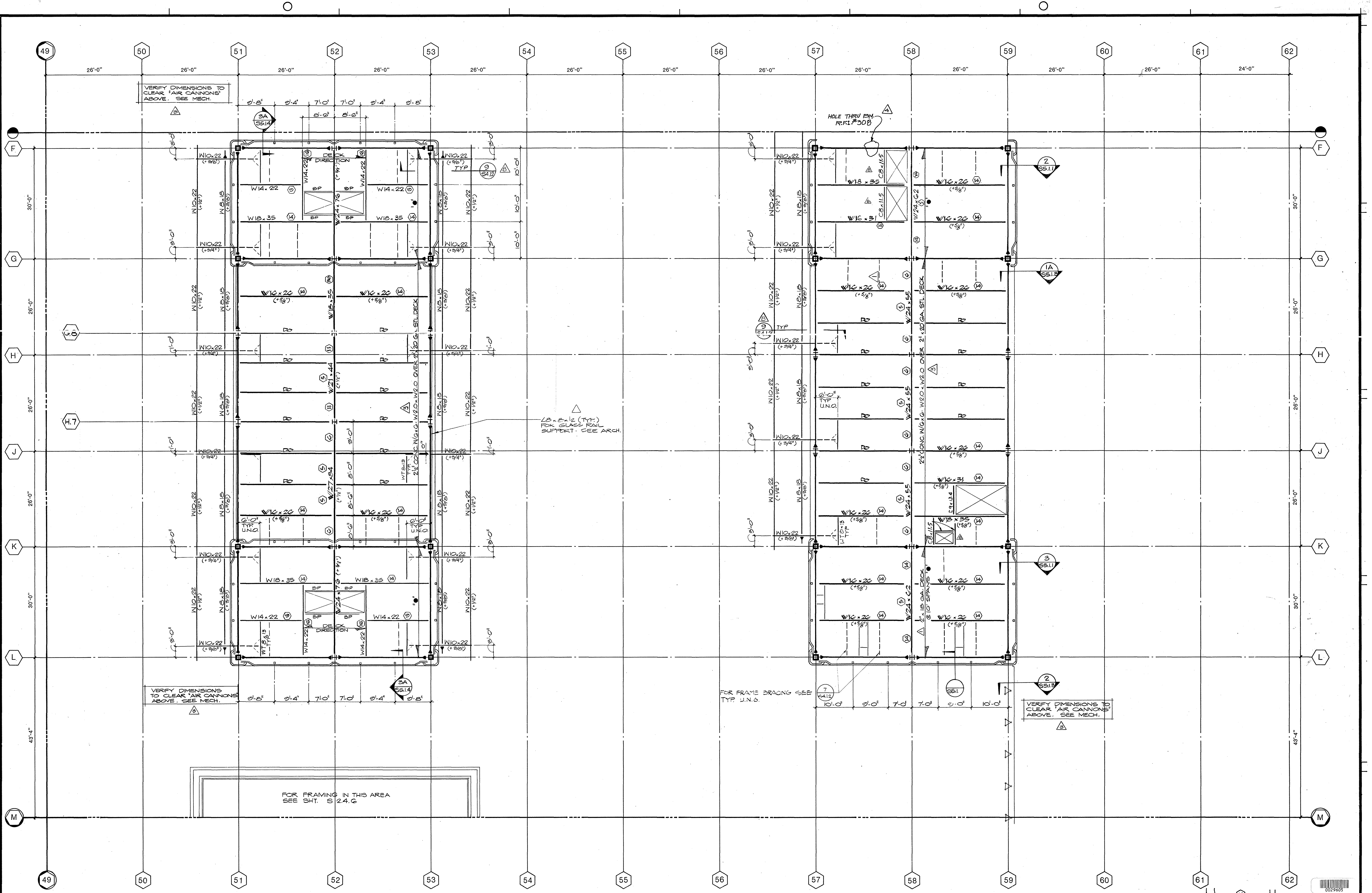
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. M-3
S2.4.3
Sheet of Sheets

S.2.4.3

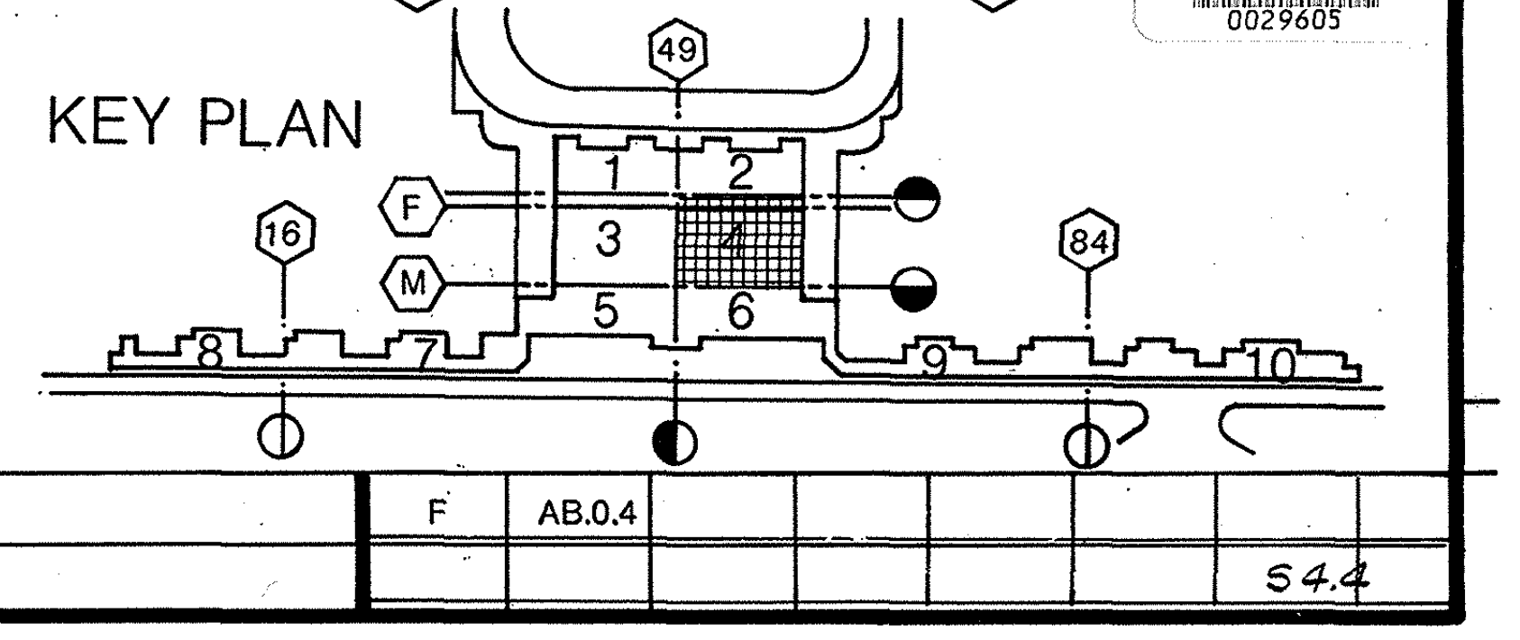


NOTES
1. BP DENOTE BENT ℙ 4½" x 3" x 5/16"
2. ( ) INDICATES UPWARD CAMPER @ MIDSPAN

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



AS BUILT			
4	82384	E.F.	R.F.I.* 308.
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTIONS
B	3-1982		ADDENDUM B
F	AB.0.4		
			S4.4

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George C. Brandow
#5500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

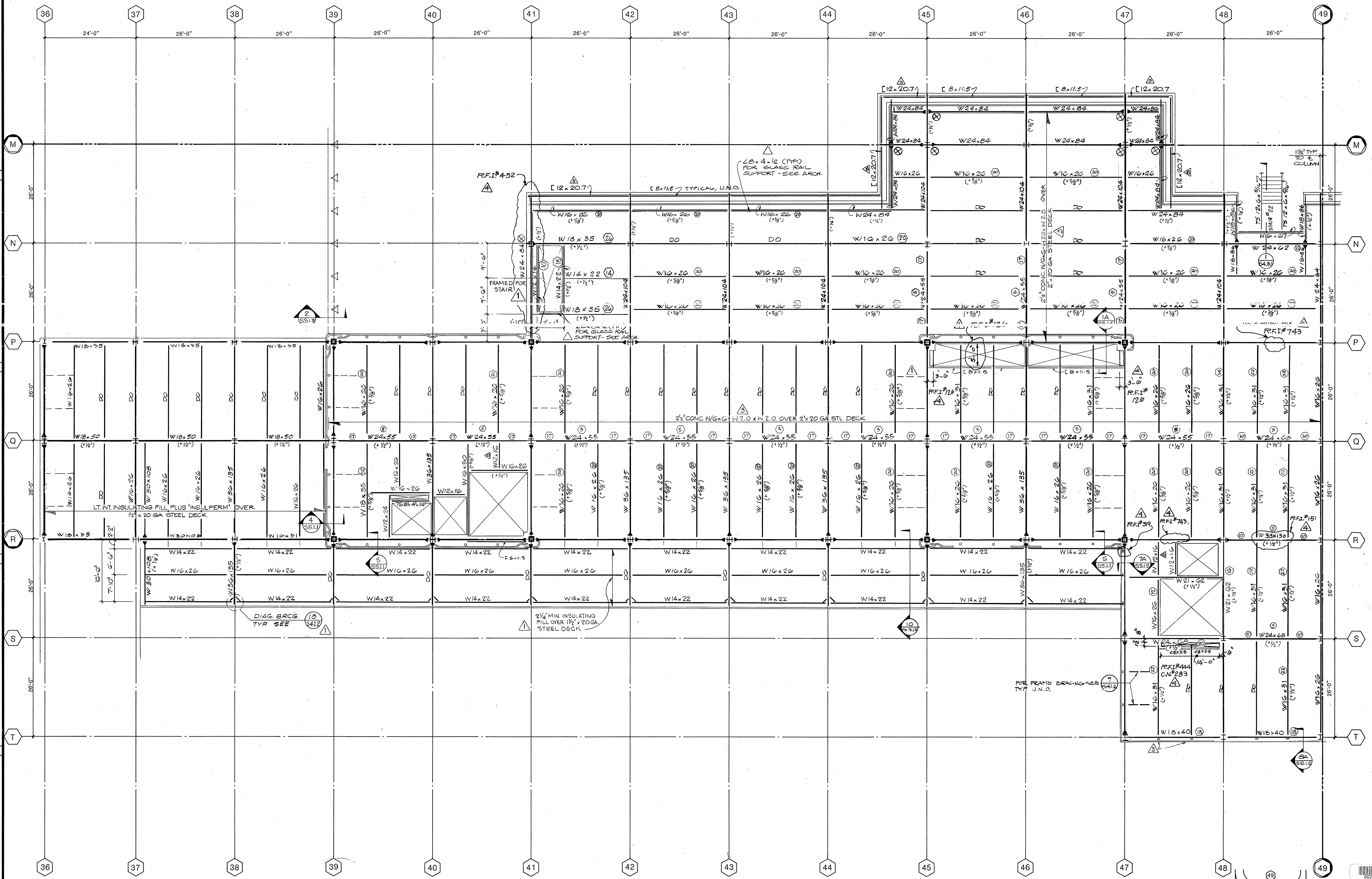
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. M-4
S2.4.4
Sheet of Sheets

S2.4.4



NOTE:

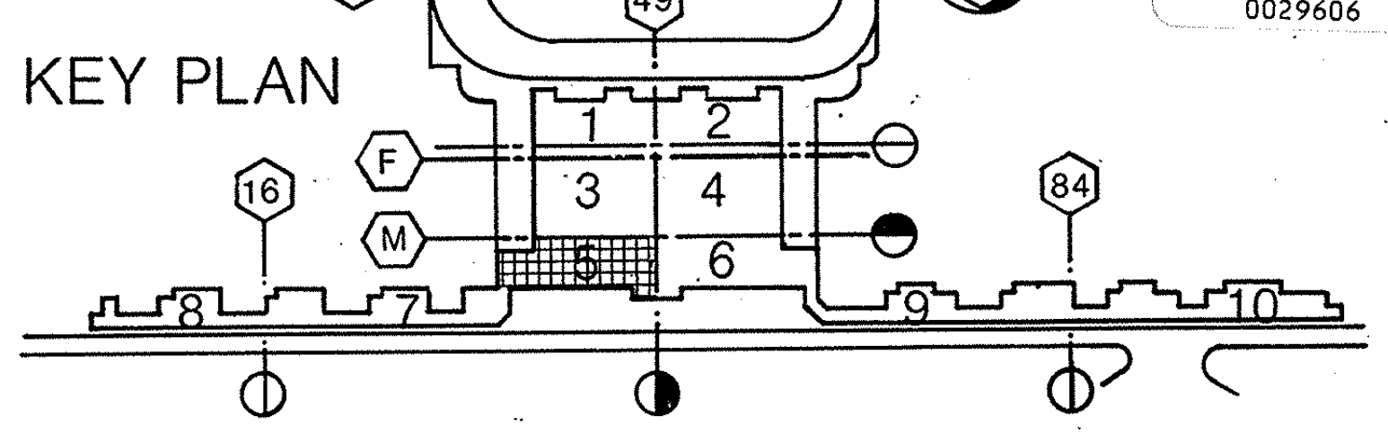
( ) INDICATES UPWARD CAMBER @ MIDSPAN OR @ END OF CANTILEVERS.

⊗ INDICATES BEAM TO GIRDER MOMENT CONNECTION

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029606

AS BUILT			
4 8-23-82 E.F	R.F.I.#151,452,126,743,444,319. C.N.#283.		
3 6-1-82	GENERAL COORDINATION	B 3-19-82	ADDENDUM B
1 6-1-82	BLD'G. DEPT. CORRECTIONS		

F AB.0.5

S4.5

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow #5520

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

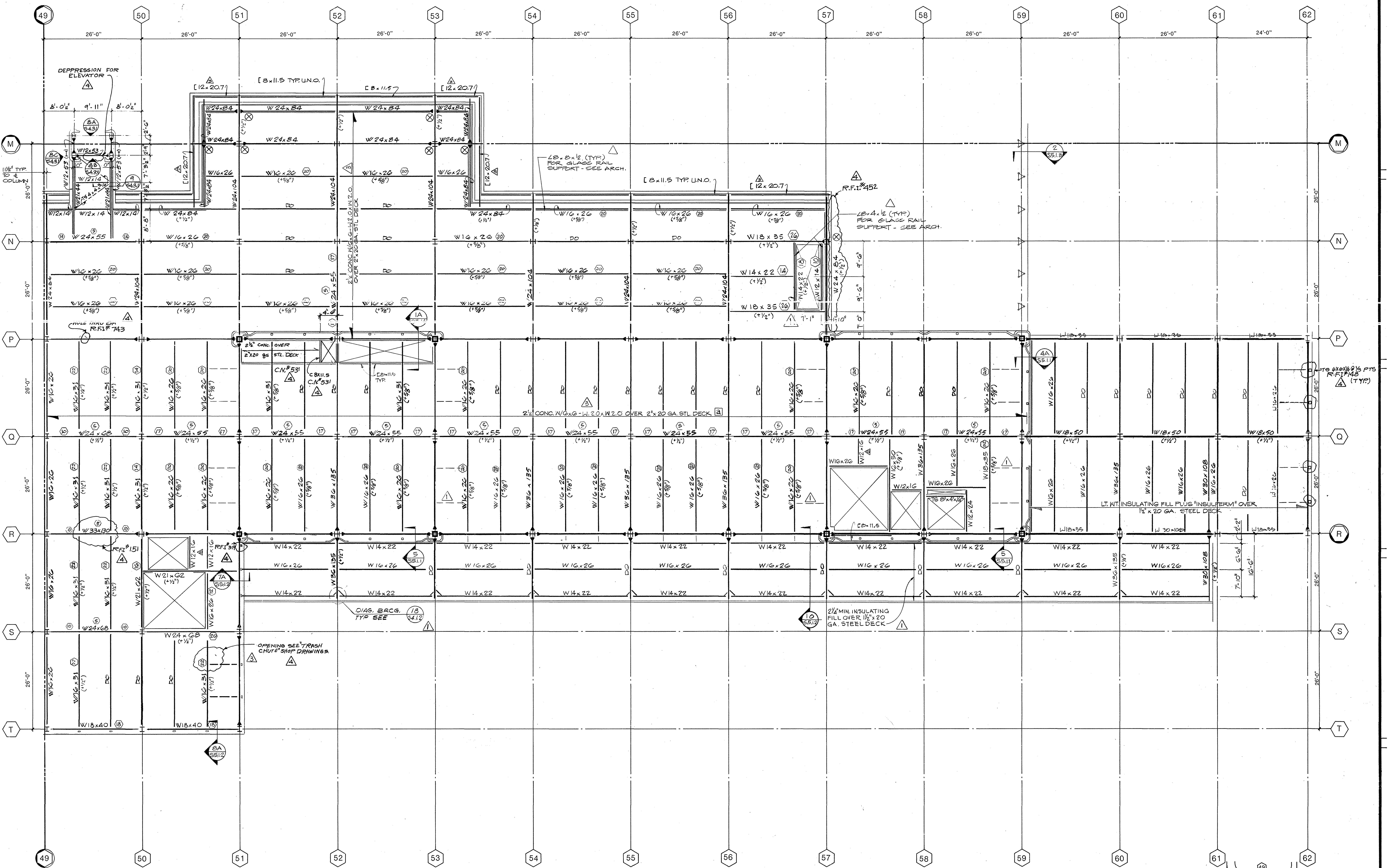
City of Los Angeles Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. M-5
S2.4.5
Sheet of Sheets

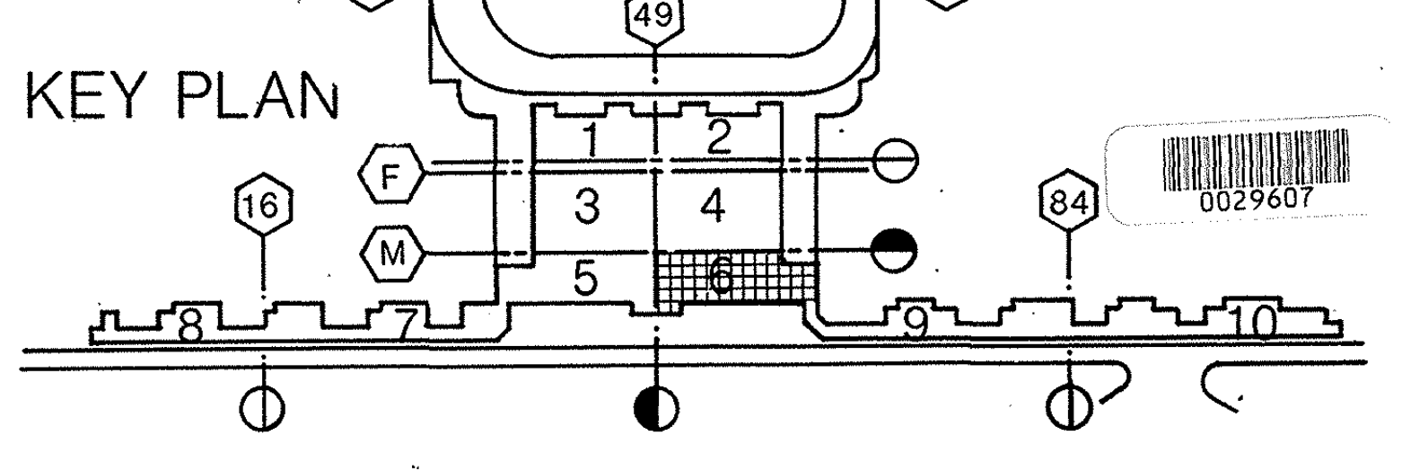


NOTE:
( ) INDICATES UPWARD CAMBER @ MIDSPAN OR @ END OF CANTILEVERS.
⊗ INDICATES BEAM TO GIRDER MOMENT CONNECTION

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



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					1	6-1-82	BLDG. DEPT. CORRECTIONS

B	3·19·82	ADDENDUM B	F AB.0.6
			54·6

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George C. Brandow

Architect of Record WLP
Project Architect REM
Date FEB.3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

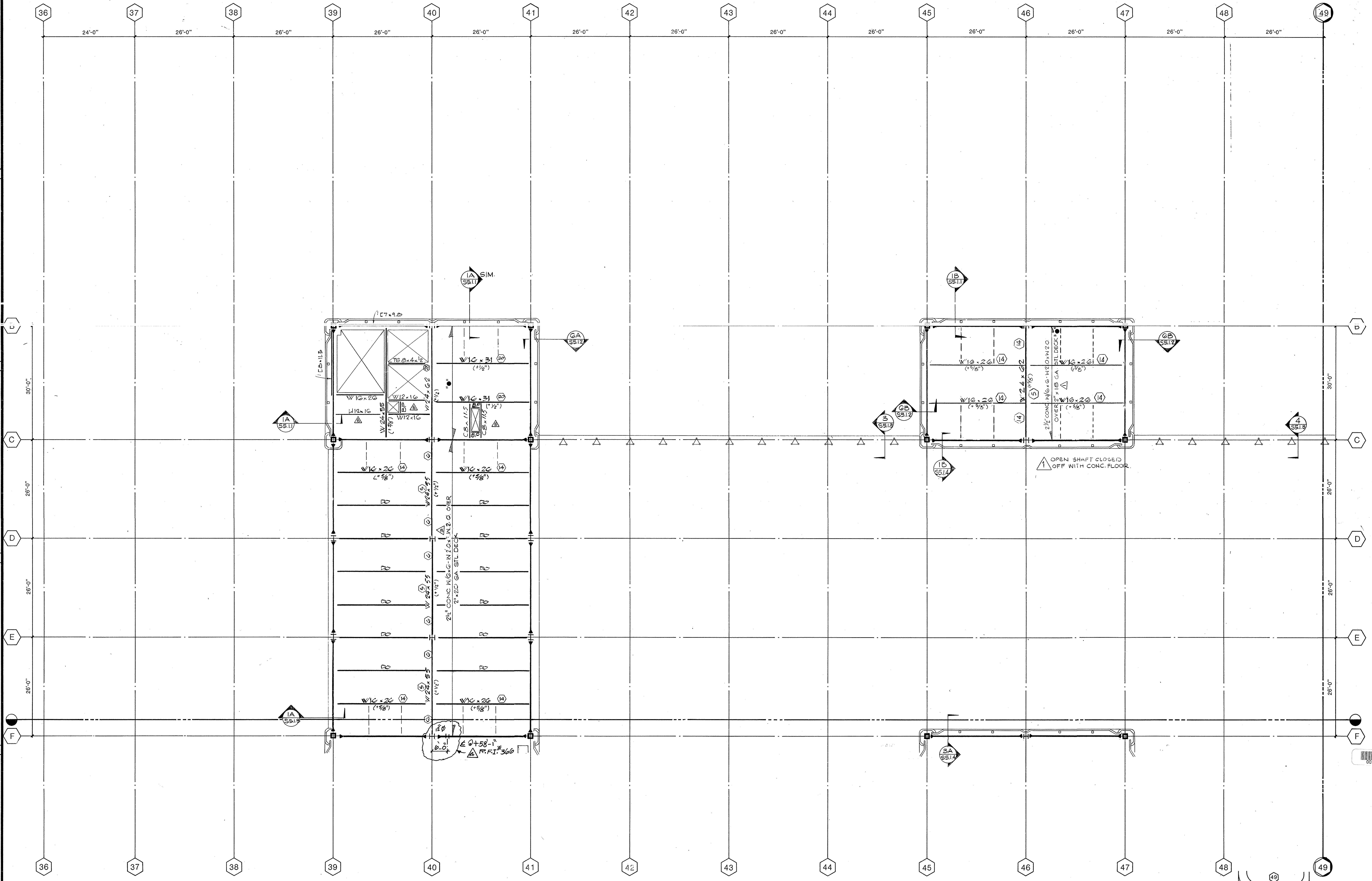
City of Los Angeles Department of Airport
Date FEB.3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title
FRAMING PLAN - MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

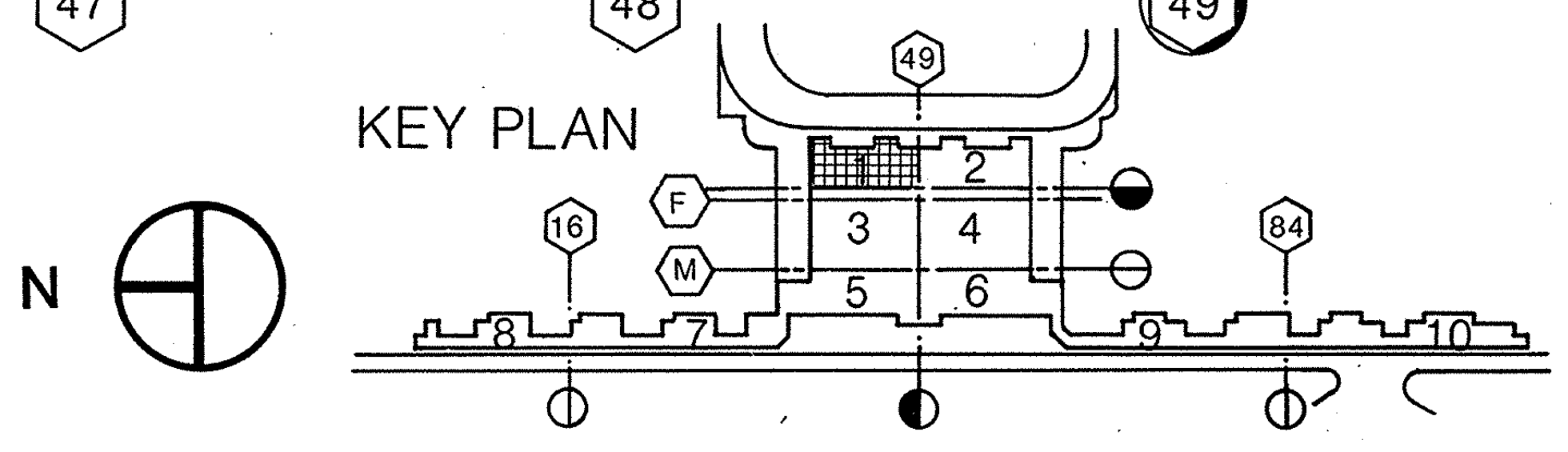
Drawing No. M-6
S2.4.6
Sheet of Sheets



NOTES:
1. BP DENOTES BENT PLATE 4½×3×¼
2. ( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

KEY PLAN



AS BUILT			
4	8-84	E.F.	R.F.I.# 366.
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTION
B	3-19-82		ADDENDUM B
F	AB.0.1		

S5.1

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB, 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB.3, 1982

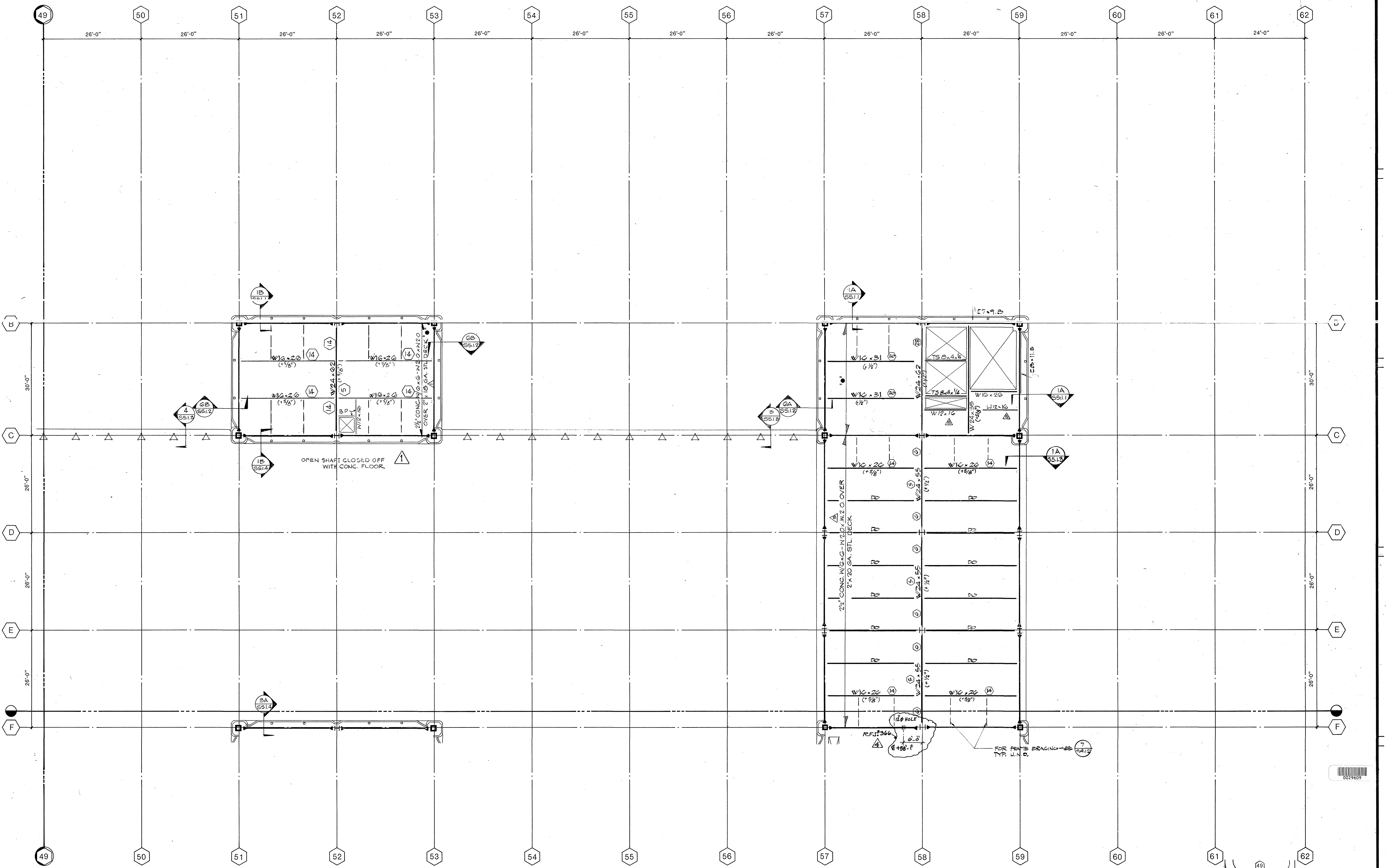
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600 .

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. UM-1
S2.5.1
Sheet of Sheets

S2.5.1



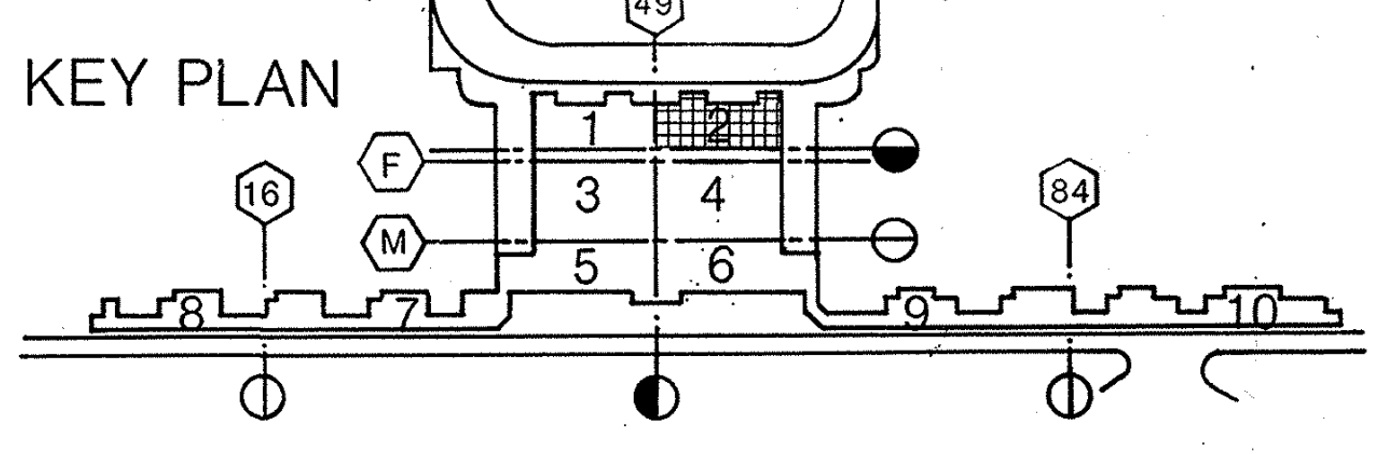
NOTES:

1. *BP DENOTES BENT PLATE 4½" × 3" × ¼"*
2. *( ) INDICATES UPWARD CAMBER @ MIDSPAN.*

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



AS BUILT

4	8-84	E.F	R.F.I.#366.
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLD'G. DEPT. CORRECTIONS
B	3-19-82		ADDENDUM B

F AB.0.2

S5.2

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB.3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB.3, 1982

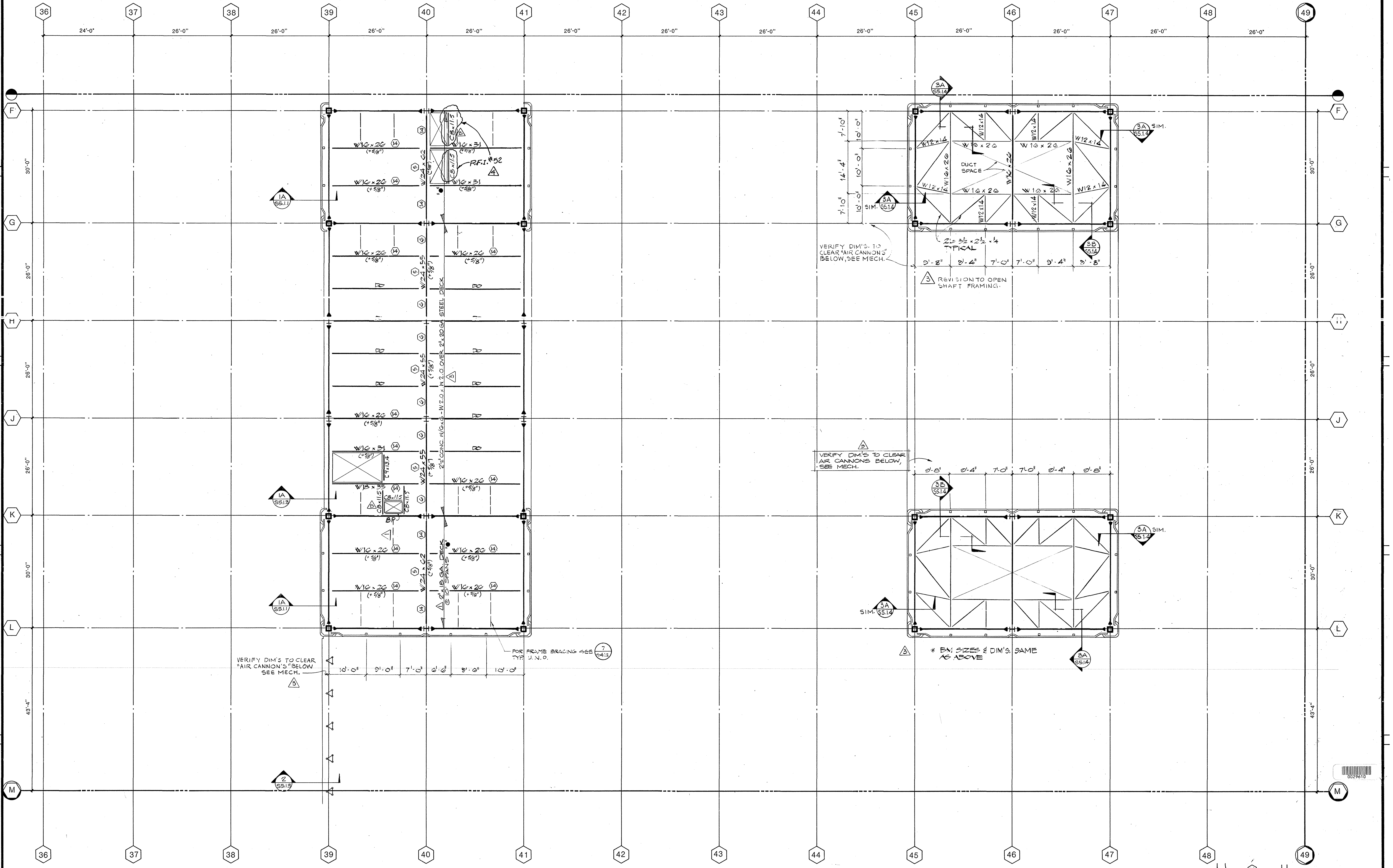
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. UM-2
S2.5.2
Sheet of Sheets

S.2.5.2



VERIFY DIM'S TO CLEAR "AIR CANNON'S" BELOW SEE MECH. △3

VERIFY DIM'S. TO CLEAR "AIR CANNONS" BELOW, SEE MECH.

△3 REVISION TO OPEN SHAFT FRAMING.

△3 VERIFY DIM'S TO CLEAR AIR CANNONS BELOW, SEE MECH.

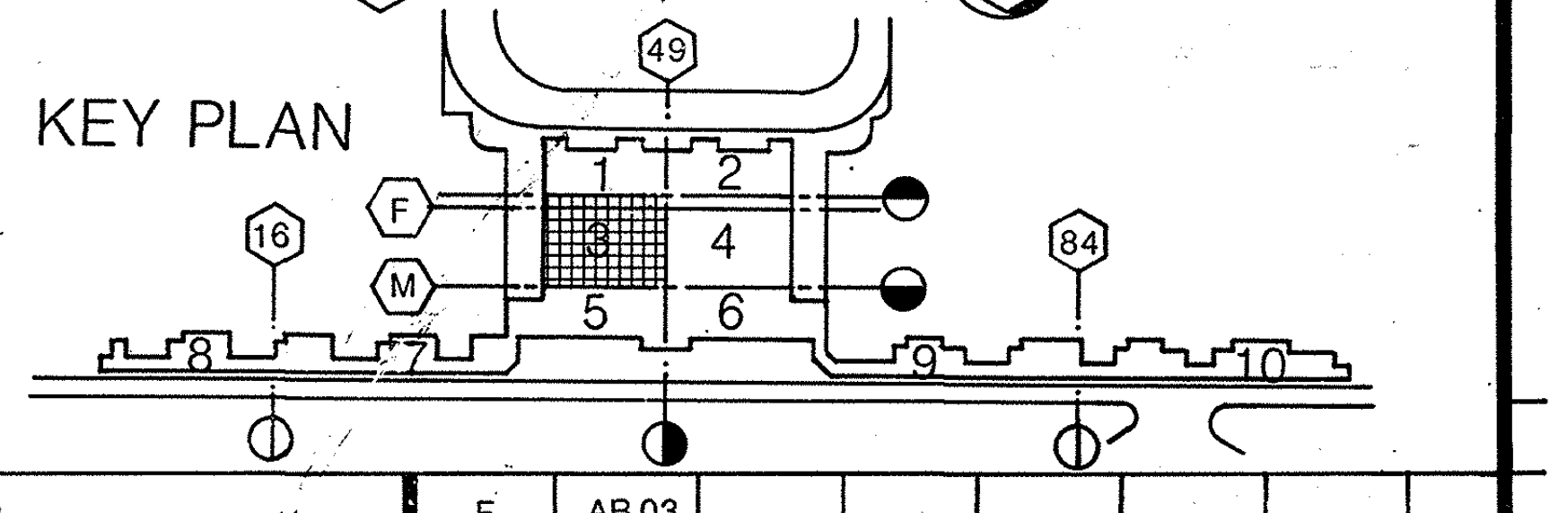
△3 * BM SIZES & DIM'S. SAME AS ABOVE

NOTES:
1. BP DENOTES BENT PLATE
2. ⊂⊃ INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



			AS BUILT
△4	8.84	E.F.	R.F.I. # 52
△3	6.1.82		GENERAL COORDINATION
△1	6-1-82		BLDG. DEPT. CORRECTIONS
△B	3.19.82		ADDENDUM B

F AB.03

S5.3

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB.3,1982
Engineer
Date

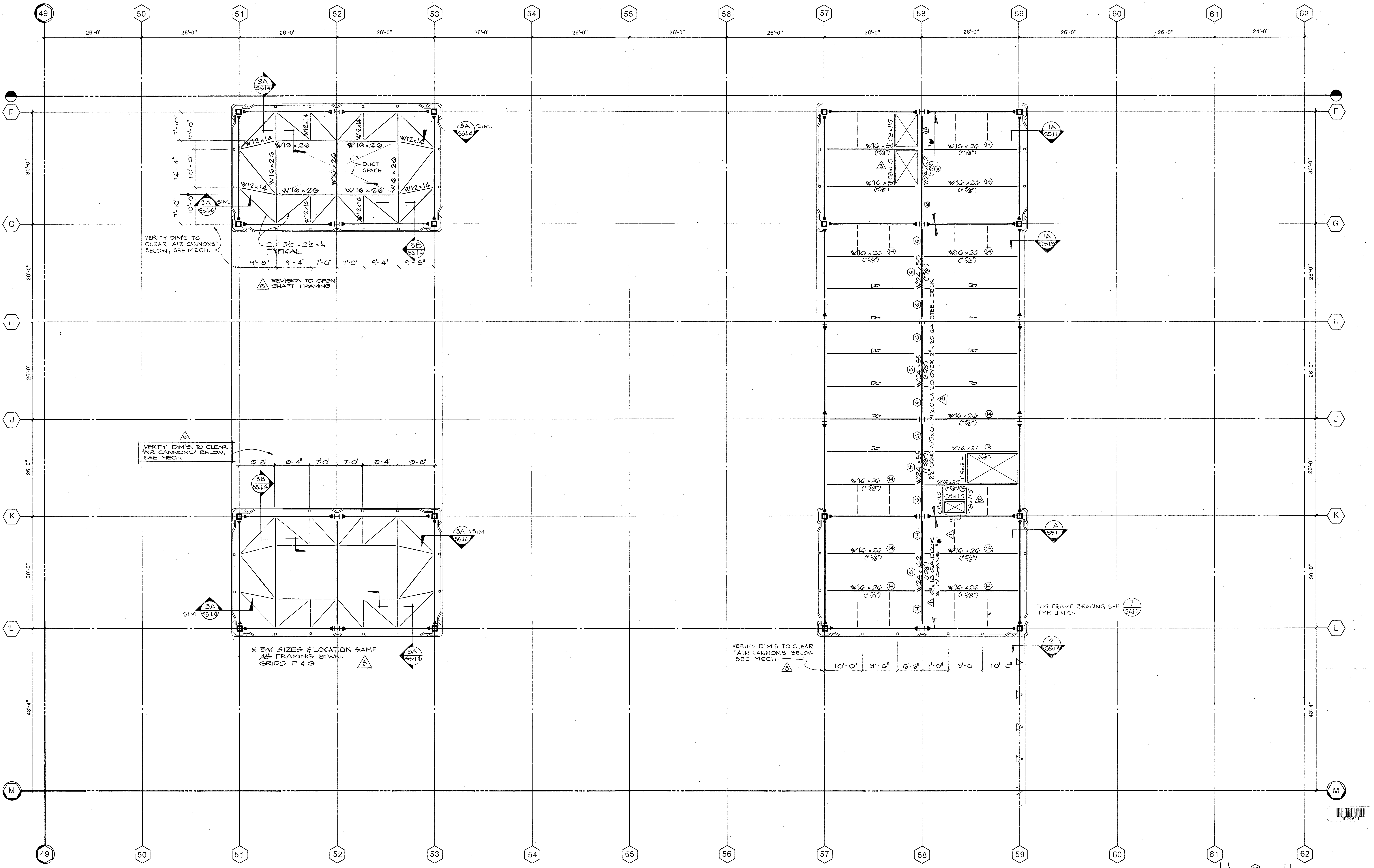
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600
Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. UM-3
S2.5.3
Sheet of Sheets

S2.5.3

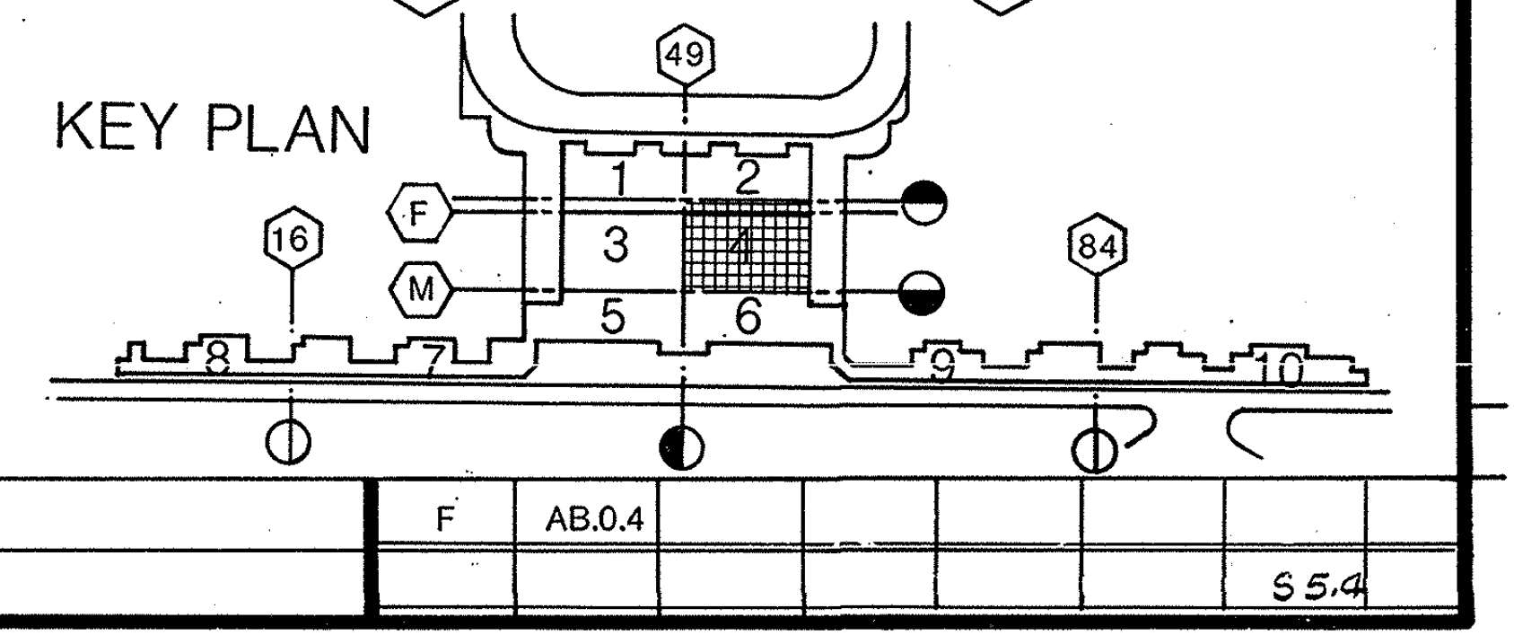

49
50
51
52
53
54
55
56
57
58
59
60
61
62
26'-0"
24'-0"
F
G
H
J
K
L
M
30'-0"
26'-0"
43'-4"
3A
S5.14
3A SIM.
3B
S5.14
1A
S5.1.1
2
S5.12
7
S4.12
W12×14
W16×26
W16×31
W18×35
W24×55
W24×62
C8×11.5
C9×13.4
DUCT SPACE
7'-10"
10'-0"
14'-4"
VERIFY DIM'S. TO CLEAR "AIR CANNONS" BELOW, SEE MECH.
L 3½ × 2½ × ¼ TYPICAL
9'-8"
9'-4"
7'-0"
REVISION TO OPEN SHAFT FRAMING
* BM SIZES & LOCATION SAME AS FRAMING BTWN. GRIDS F & G
10'-0"
9'-6"
6'-6"
5'-0"
2½" CONC W/6×6 - W2.0×W2.0 OVER 2" × 20 GA STEEL DECK
2" × 18 GA DECK @ 10 SPANS
BP
FOR FRAME BRACING SEE 7 S4.12 TYP. U.N.O.
(+5/8")
(+3/8")

NOTES:
1. BP DENOTES BENT PLATE
2. ( ) INDICATES UPWARD CAMBER @ MIDSPAN.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



AS BUILT	3 6-1-82	GENERAL COORDINATION	B 3-19-82	ADDENDUM B	F AB.0.4
	1 6-1-82	BLDG. DEPT. CORRECTIONS			S5.4

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George C. Brandow
#3500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

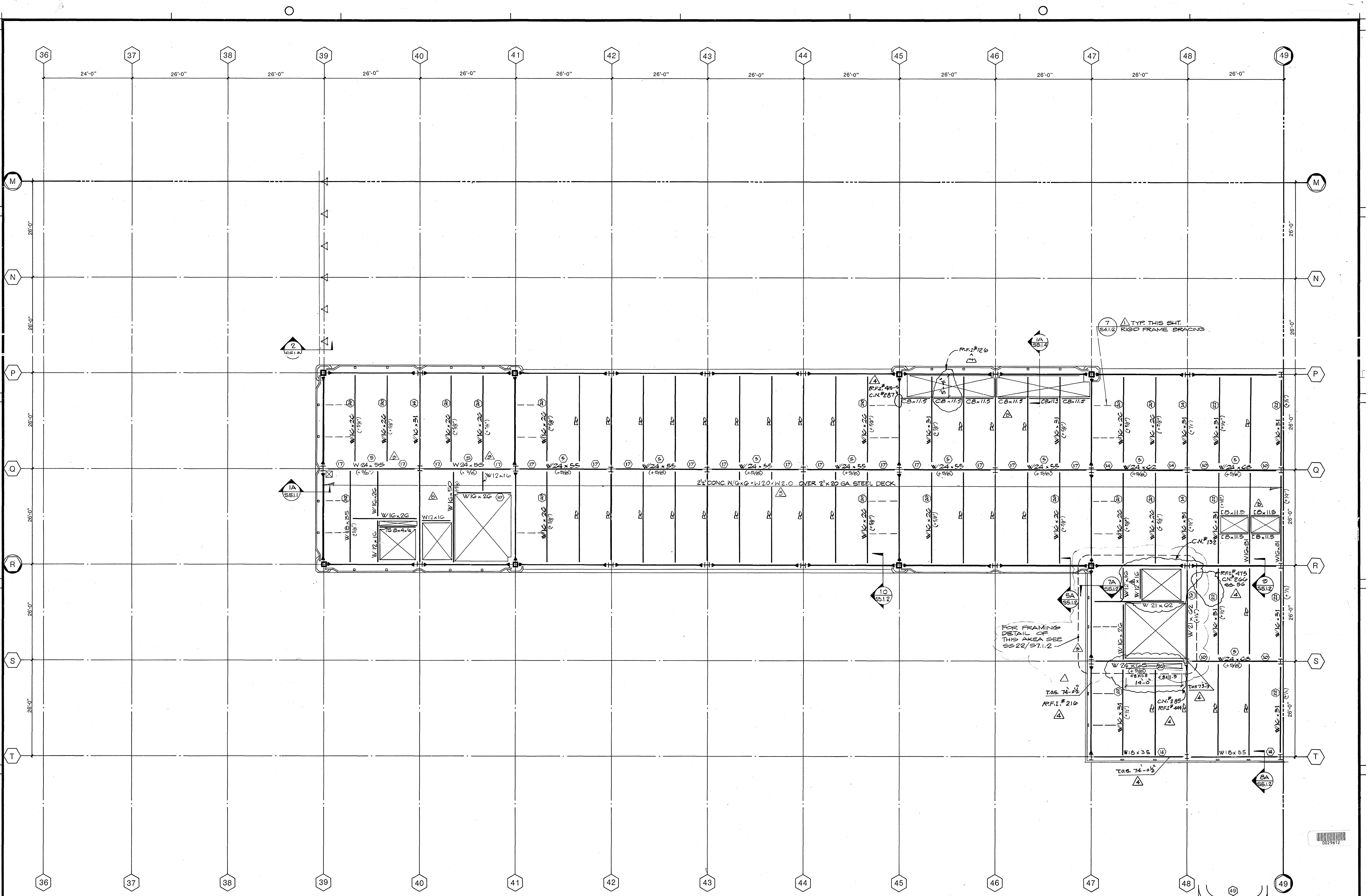
City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

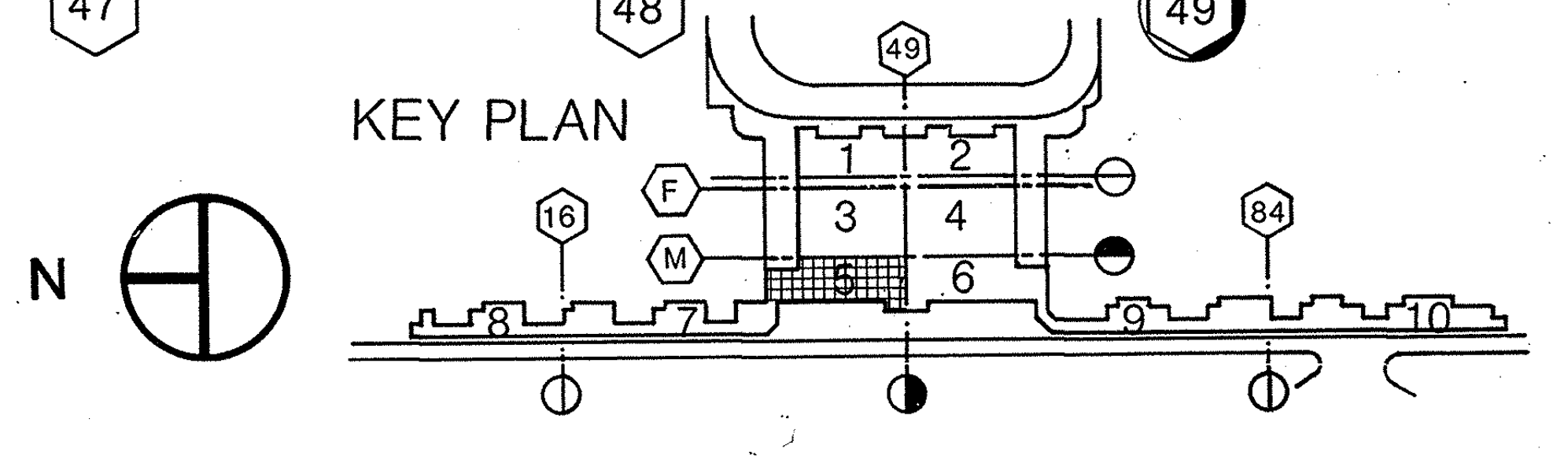
Drawing No. UM-4
S2.5.4
Sheet of Sheets



( ) INDICATES UPWARD CAMBER @ MIDSPAN

SCALE: FULL SIZE SET: 1/8"=1'-0"

SCALE: HALF SIZE SET: 1/16"=1'-0"



			AS BUILT	△4	8-84	E.F.	R.F.I.#415,126,475,216,444. C.N.#287,132,266,283,285.
△3	6-1-82		GENERAL COORDINATION	△B	3-19-82		ADDENDUM B
△1	6-1-82		BLDG. DEPT. CORRECTIONS	F	AB.0.5		SS-5

William L. Pereira F.A.I.A.

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

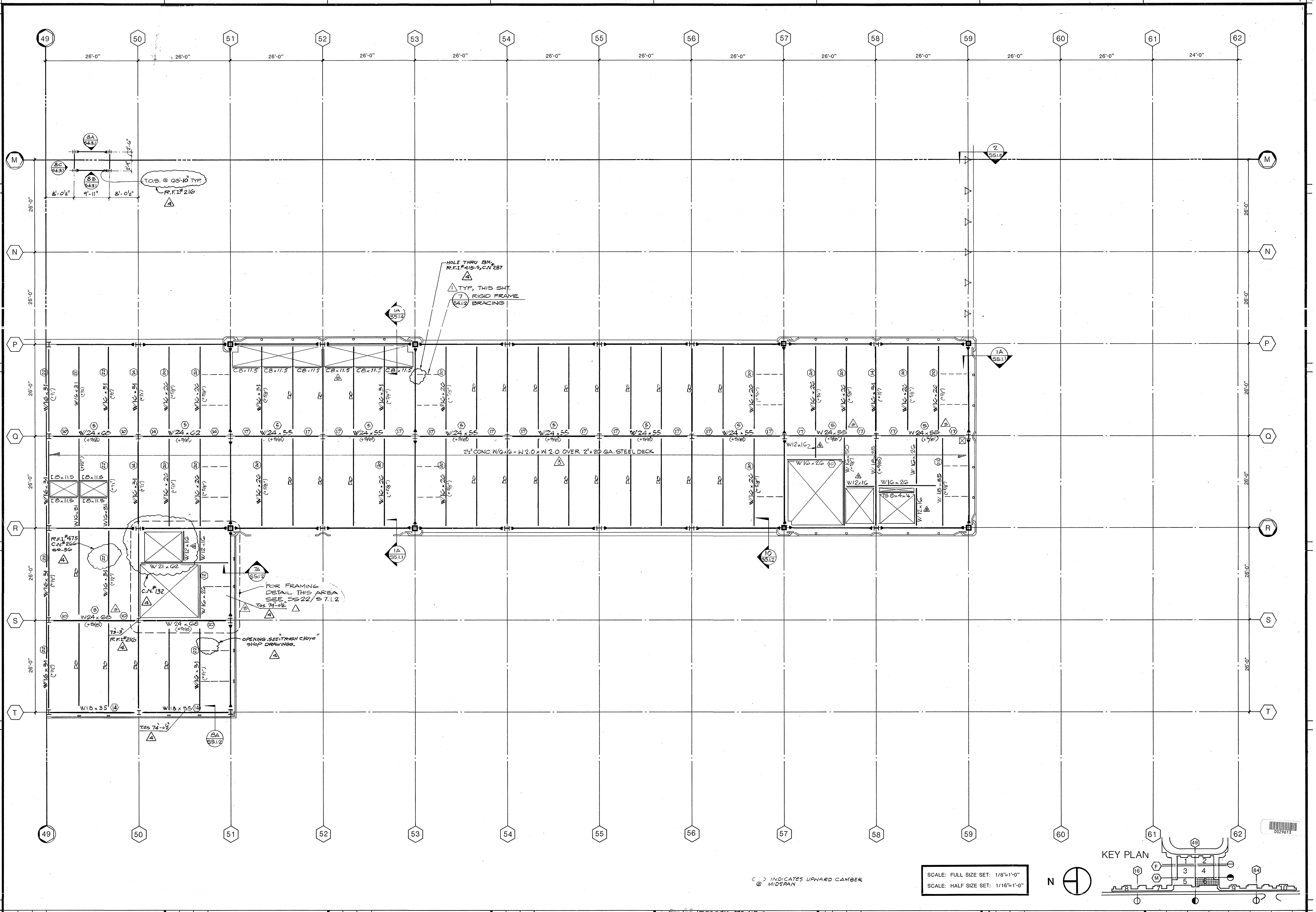
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. UM-5
S2.5.5
Sheet of Sheets

S.2.5.5



( ) INDICATES UPWARD CAMBER @ MIDSPAN

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

4	8.84	E.F.	R.F.I.# 216, 475, 415-S. C.N.# 132, 266, 287.
3	6.1.84		GENERAL COORDINATION
1	6.1.84		BLDG. DEPT. CORRECTIONS
B	3.1982		ADDENDUM B

F AB.0.6

65.6

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

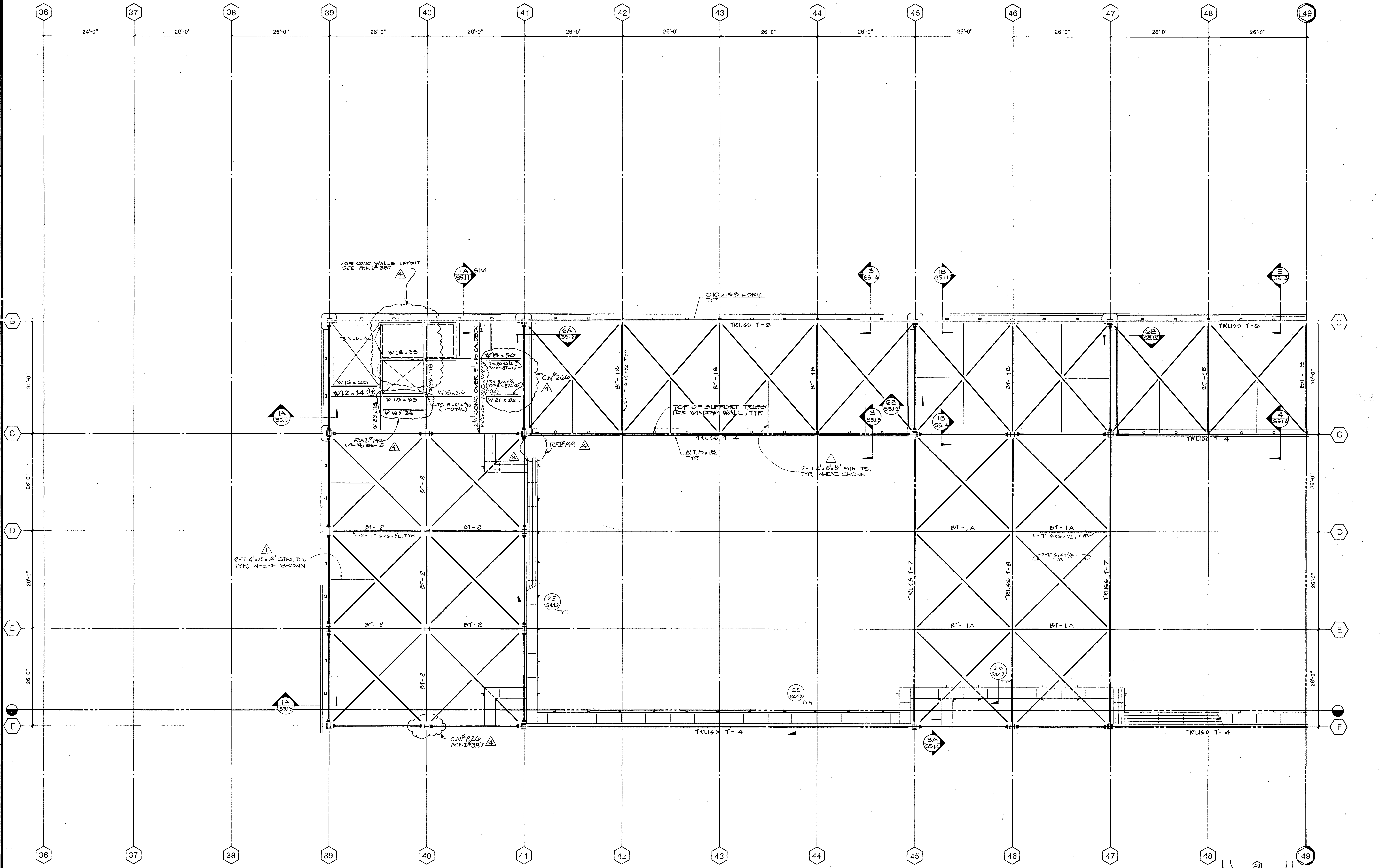
City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title
FRAMING PLAN - UPPER MEZZANINE LEVEL
Department of Airports Drawing No. 82001-600

Designed by DP
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

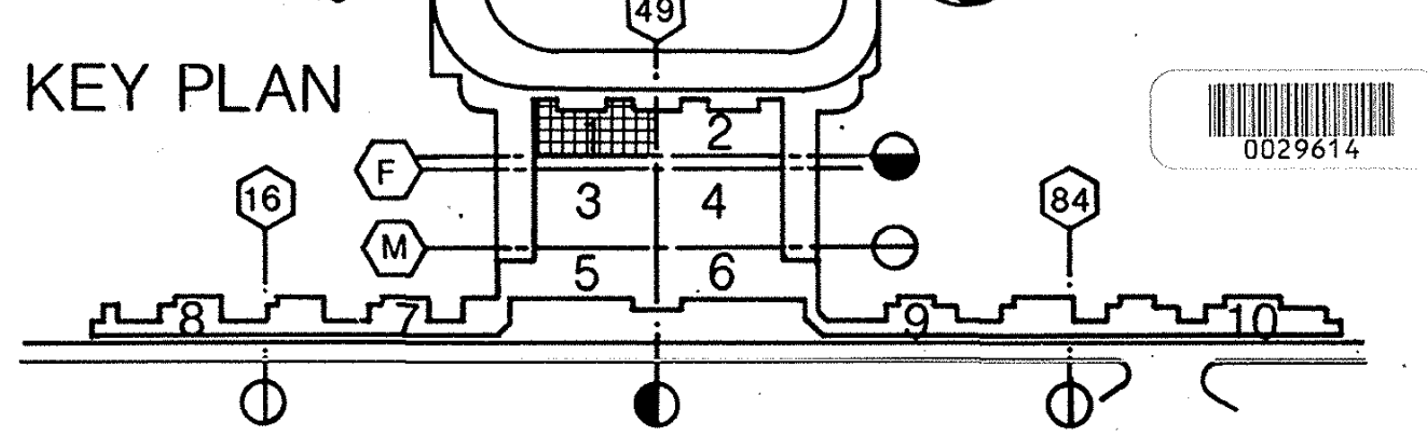
Drawing No. UM-6
S2.5.6
Sheet of Sheets



B NOTES:
1. FIN. FLOOR ELEV. & CATWALK ELEV. = 74'-6" U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

KEY PLAN



0029614

AS BUILT			
4	8.84	E.F.	C.N.# 226, 118, 266. R.F.I.# 387, 142, 149.
3	6.1.82		GENERAL COORDINATION
1	6.1.82		BLDG. DEPT. CORRECTIONS
B	3.19.82		ADDENDUM 5
F	AB.0.1		

S6.1

William L. Pereira F.A.I.A.

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow
#5599

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

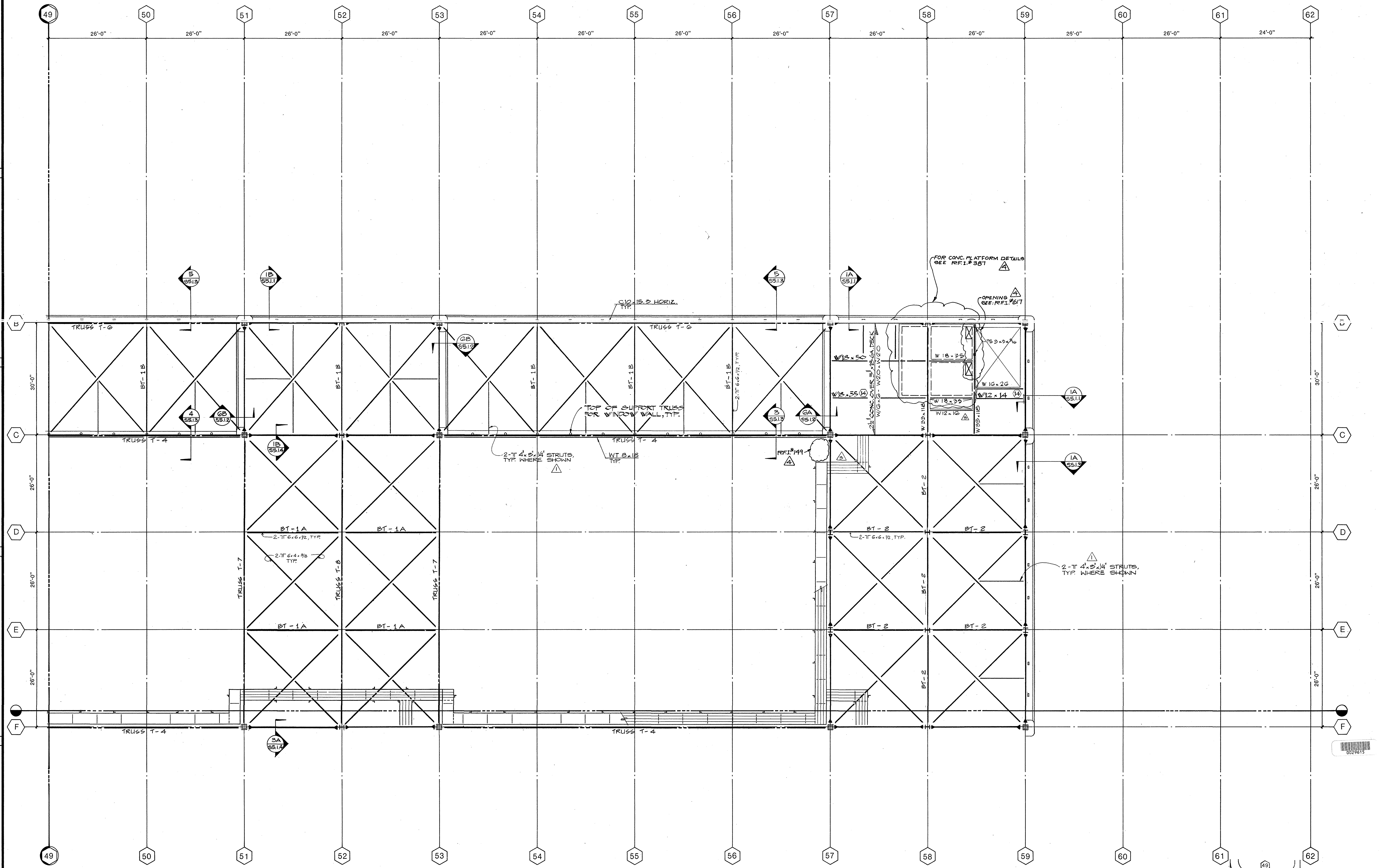
City of Los Angeles
Department of Airport
Date FEB. 3,1982

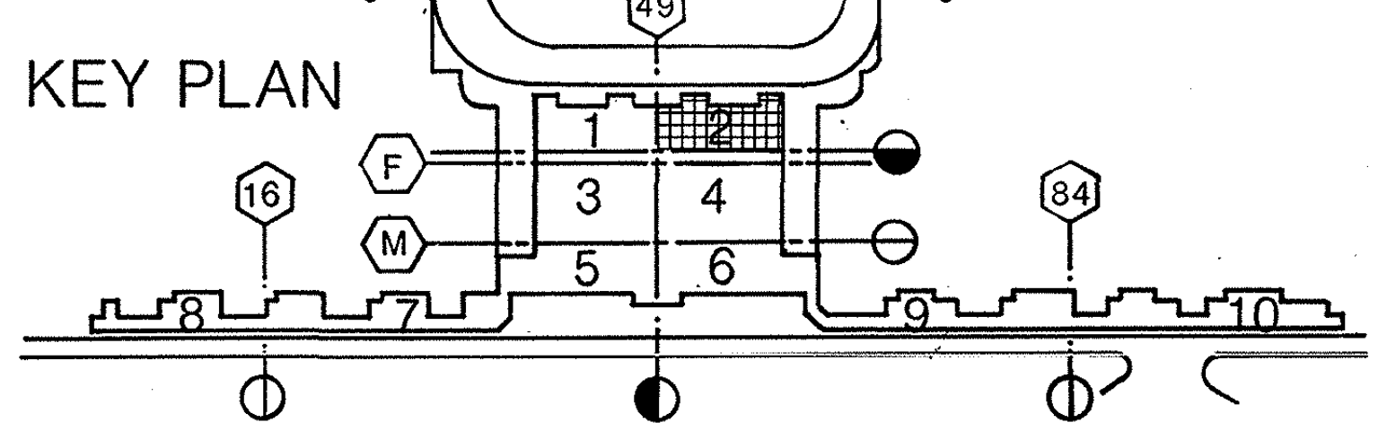
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. LC-1
S2.6.1
Sheet of Sheets





B NOTES:
1. FIN. FLOOR ELEV. & CATWALK ELEV. = 74'-6" U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

AS BUILT	8.84	E.F.	4	RFI # 149, 617, 387.	B 6.1.82	GENERAL COORDINATION	B 3.19.82 ADDENDUM B
					1 6.1.82	BLDG. DEPT. CORRECTIONS	

F AB.0.2

S6.2

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

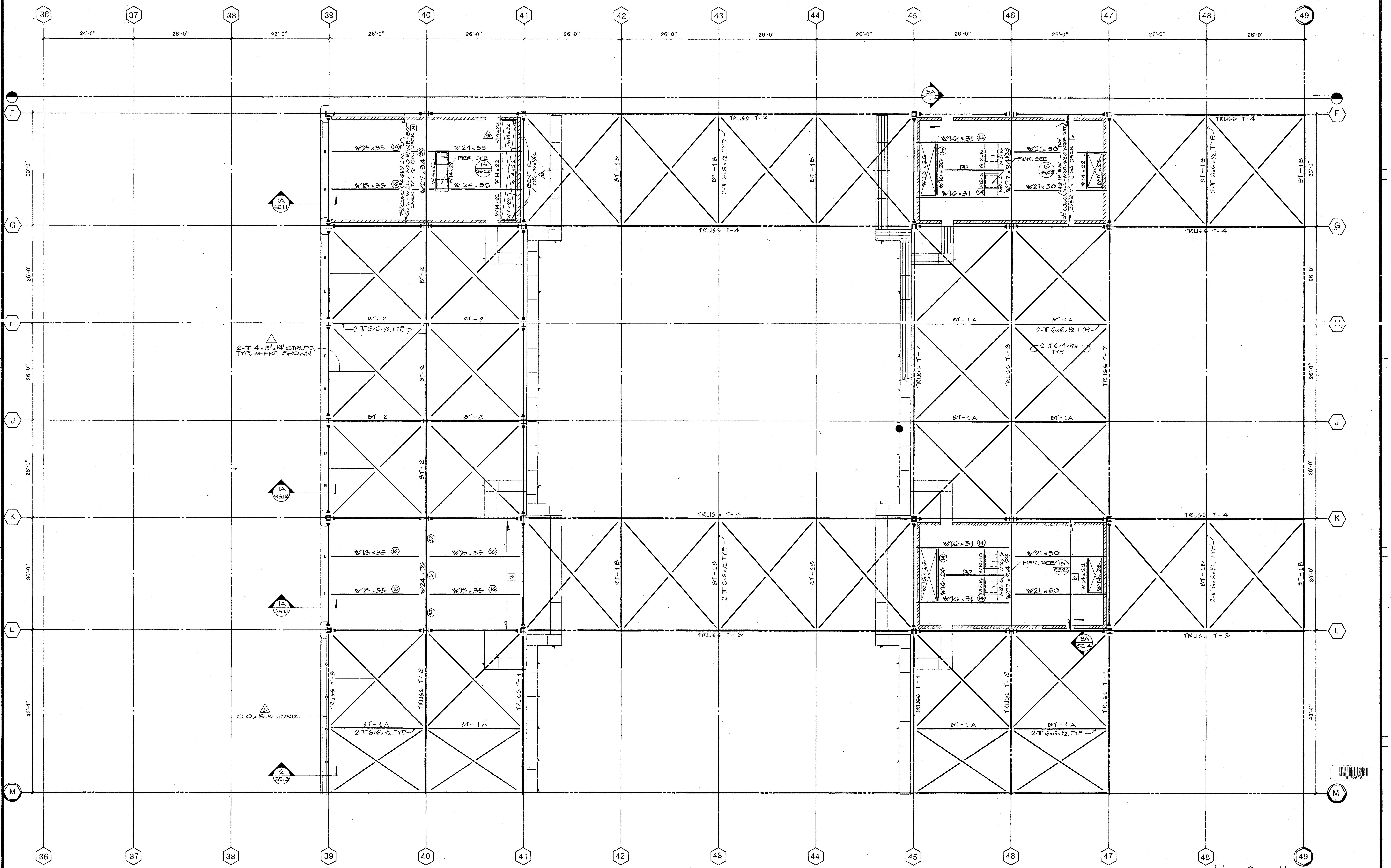
City of Los Angeles
Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

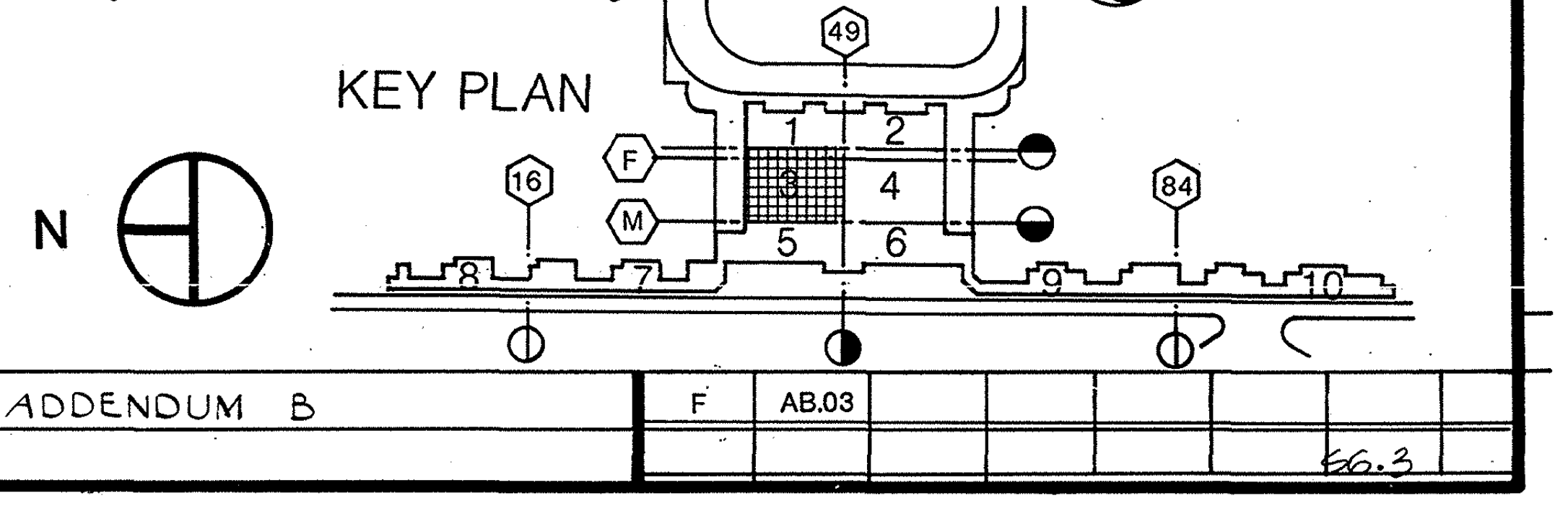
Designed by F T
Drawn by
Chief Architect JDW / BAS
PDSW Project No. 79000

Drawing No. LC-2
S2.6.2
Sheet of Sheets



NOTES:
1. FIN. FLOOR ELEV. & CATWALK ELEV= 74'-6" U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"



			AS BUILT
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTIONS
B	3-19-82		ADDENDUM B

F	AB.03
	56.3

William L. Pereira F.A.I.A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

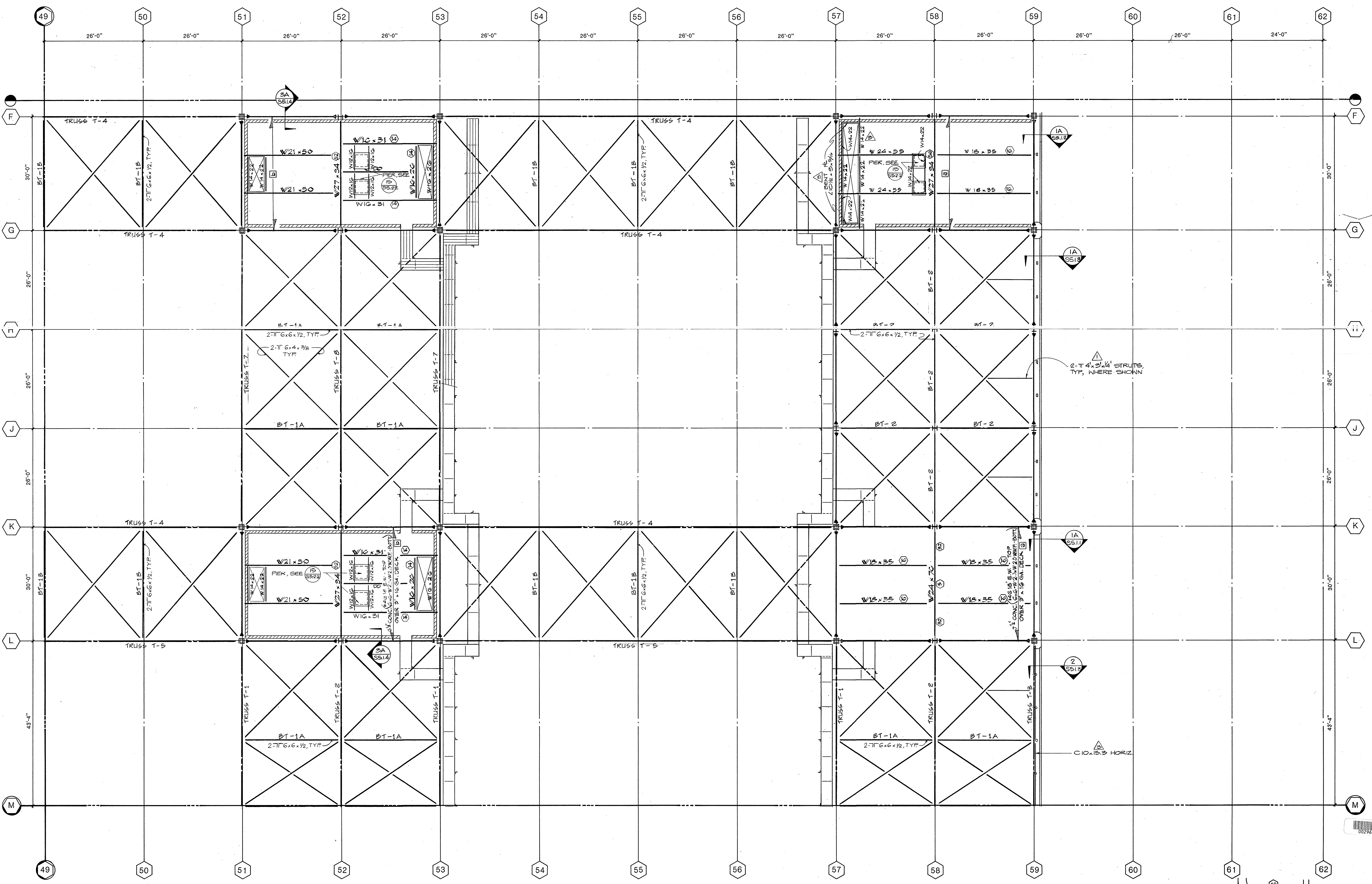
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. LC-3
S2.6.3
Sheet of Sheets

S.2.6.3

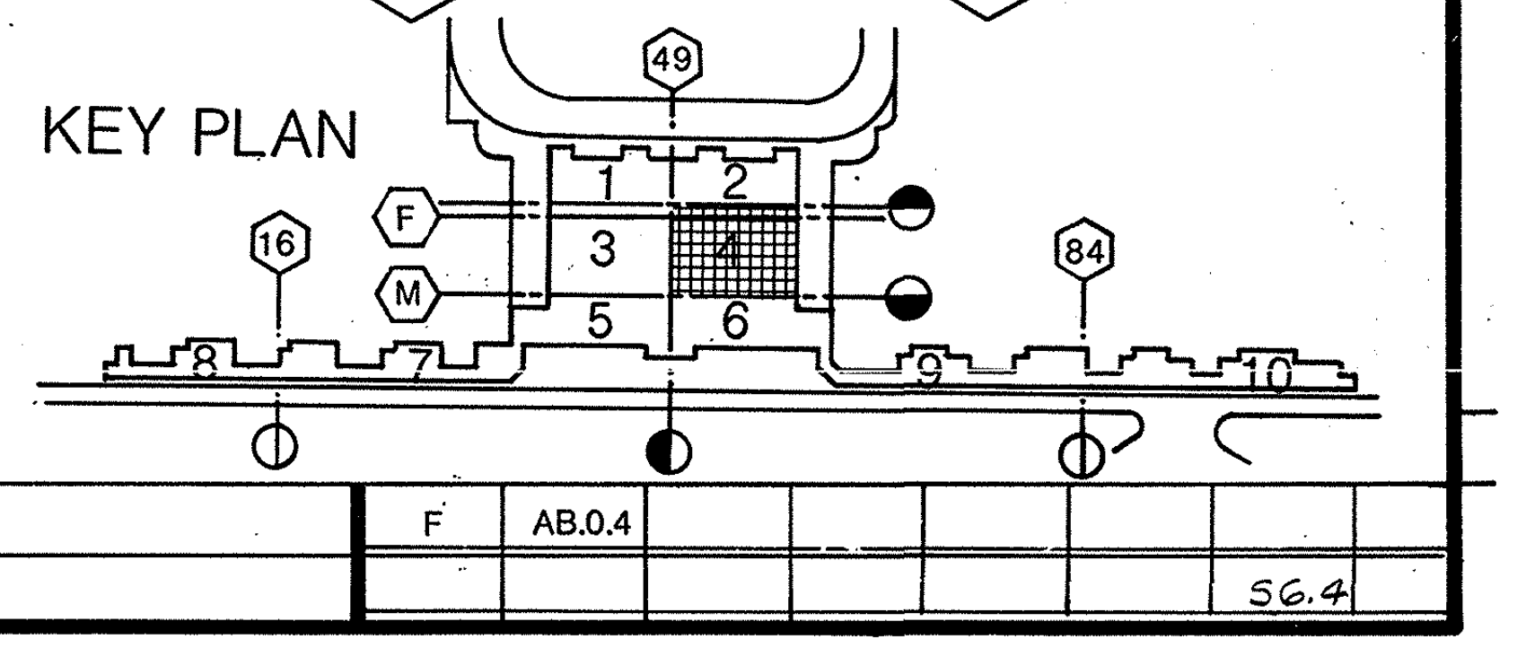


B NOTES:
1. FIN. FLOOR ELEV. & CATWALK ELEV. = 74'-6" U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



AS BUILT	3	6-1-82	GENERAL COORDINATION	B	3-19-82	ADDENDUM B	F AB.0.4
	1	6-1-82	BLDG. DEPT. CORRECTIONS				S6.4

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

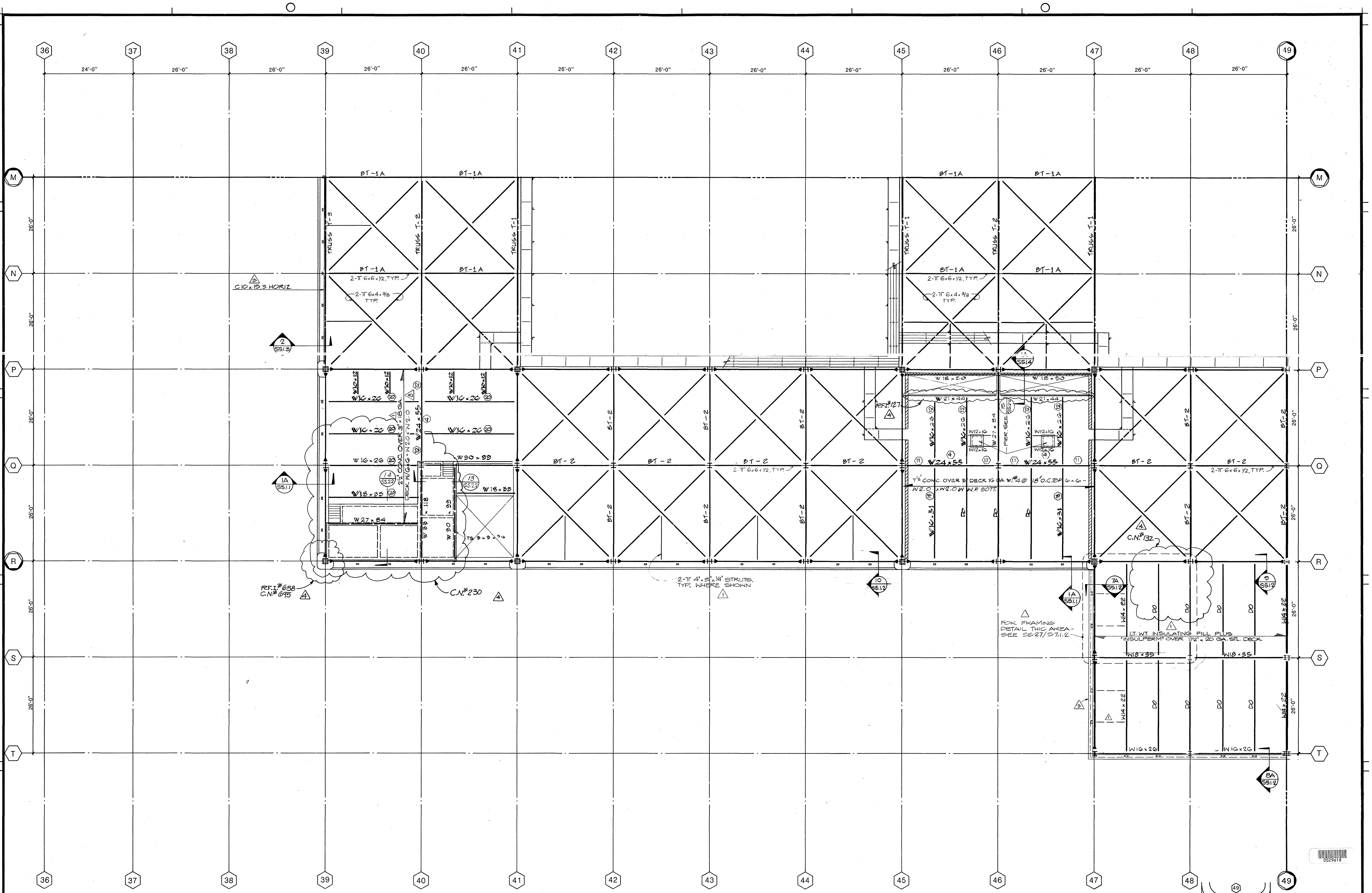
City of Los Angeles Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. LC-4
S2.6.4
Sheet of Sheets



B NOTES:

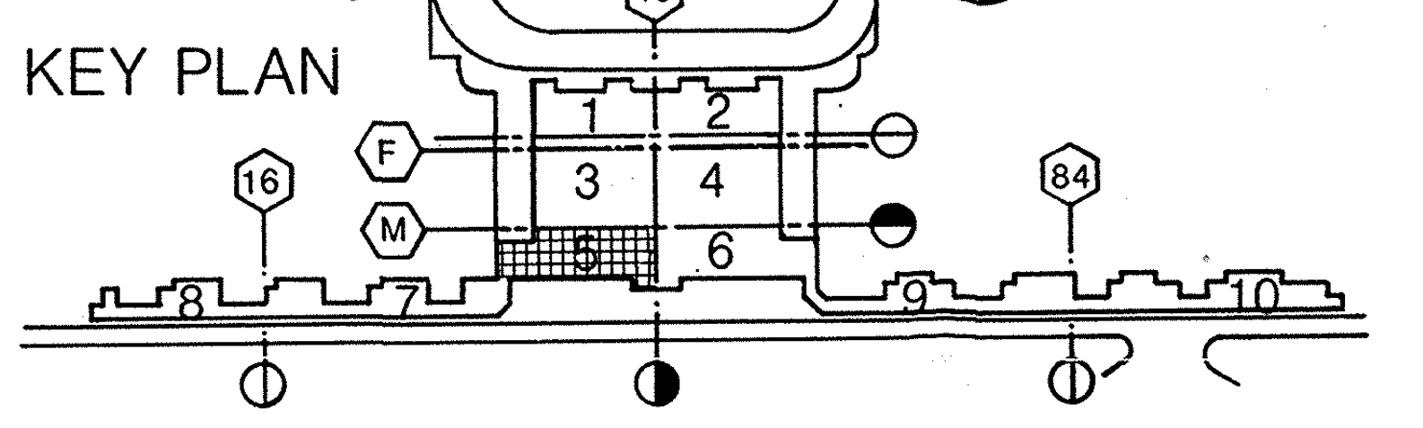
1. FIN. FLOOR ELEV. & CATWALK ELEV = 74'-6 U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"

SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



4	8-84	E.F.	R.F.I.#126,658. C.N.#695,230,132.	3	6-1-82		GENERAL COORDINATION	B	3-19-82		ADDENDUM B	F	AB.0.5	
5	3-21-85		AS BUILT CORRECTION	1	6-1-82		BLDG. DEPT. CORRECTIONS							56-5

William L. Pereira F.A.I.A.

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

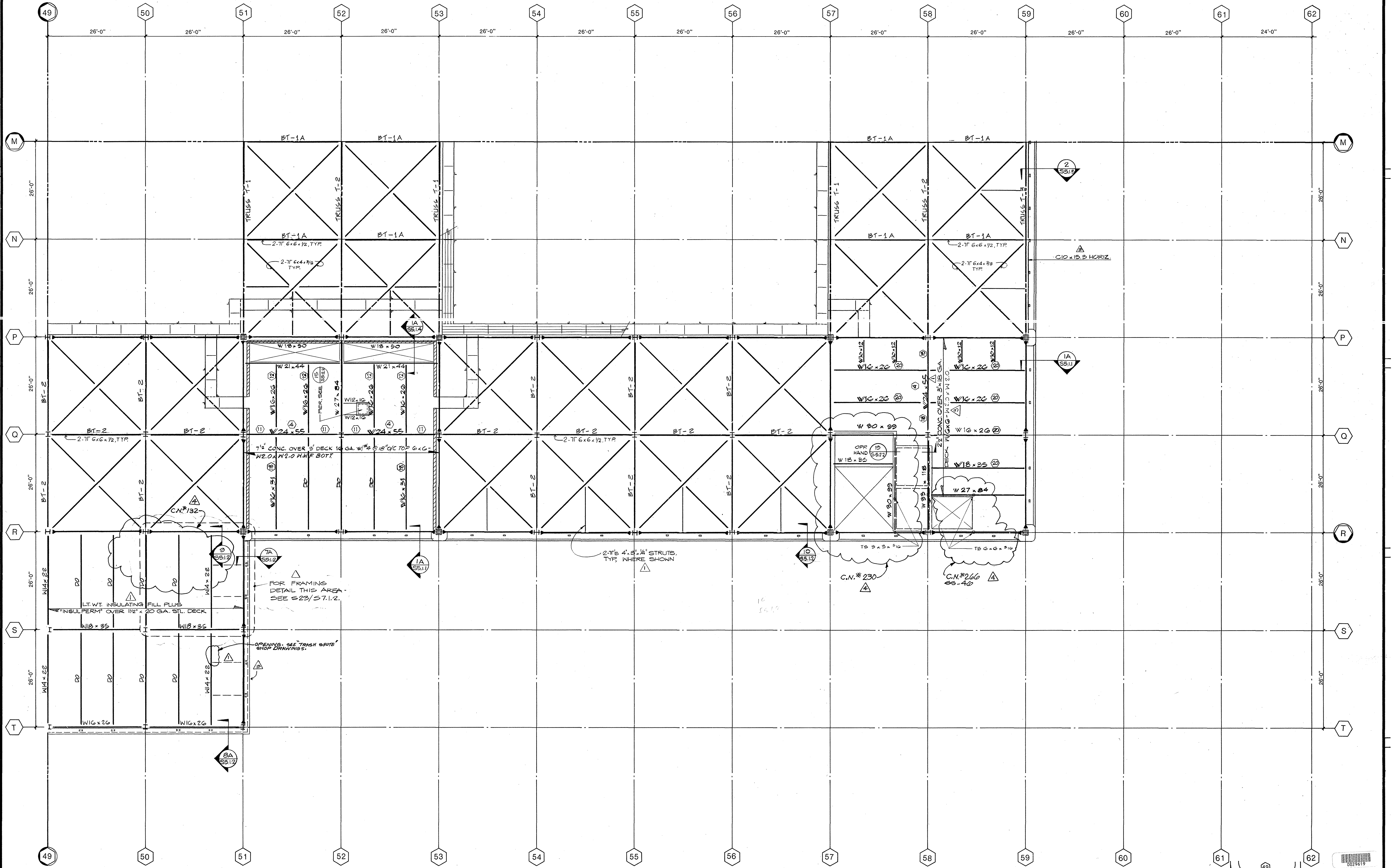
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW / BAS
PDSW Project No. 79000

Drawing No. LC-5
S2.6.5
Sheet of Sheets

S.2.6.5

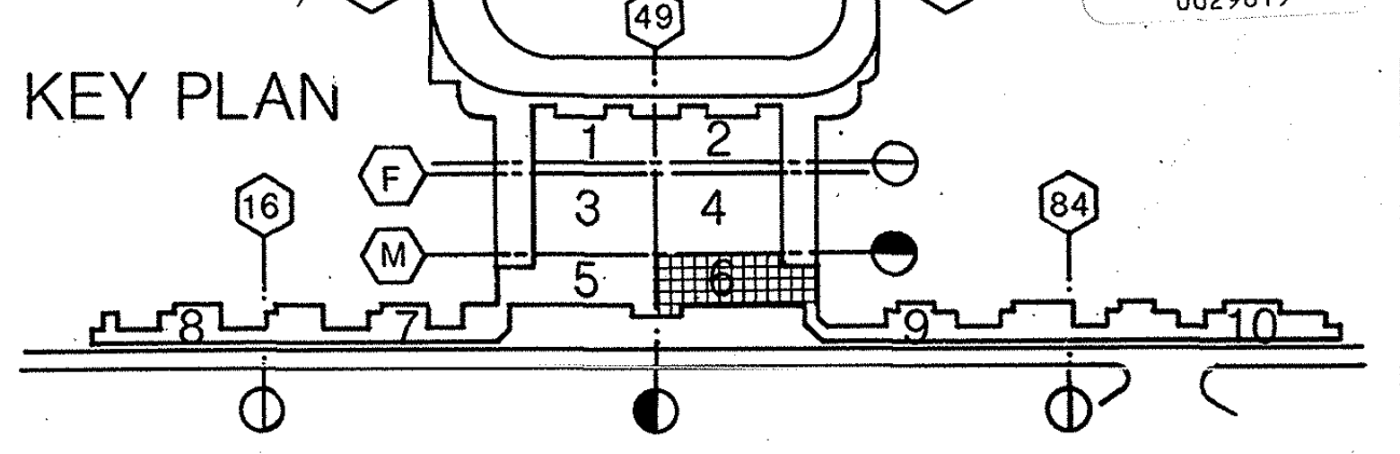


△B NOTES:
1. FIN. FLOOR ELEV. & CATWALK ELEV. = 74'-6" U.N.O.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029619

△4	8.84	E.F.	C.N.#132,230,266.	△3	6.1.82	GENERAL COORDINATION	△B	3.19.82	ADDENDUM B
△5	3-21-85		AS BUILT CORRECTION	△1	6-1-82	BLDG. DEPT. CORRECTIONS			

F AB.0.6

S6.6

William L. Pereira FAIA
John D. Williams

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record: WLP
Project Architect
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

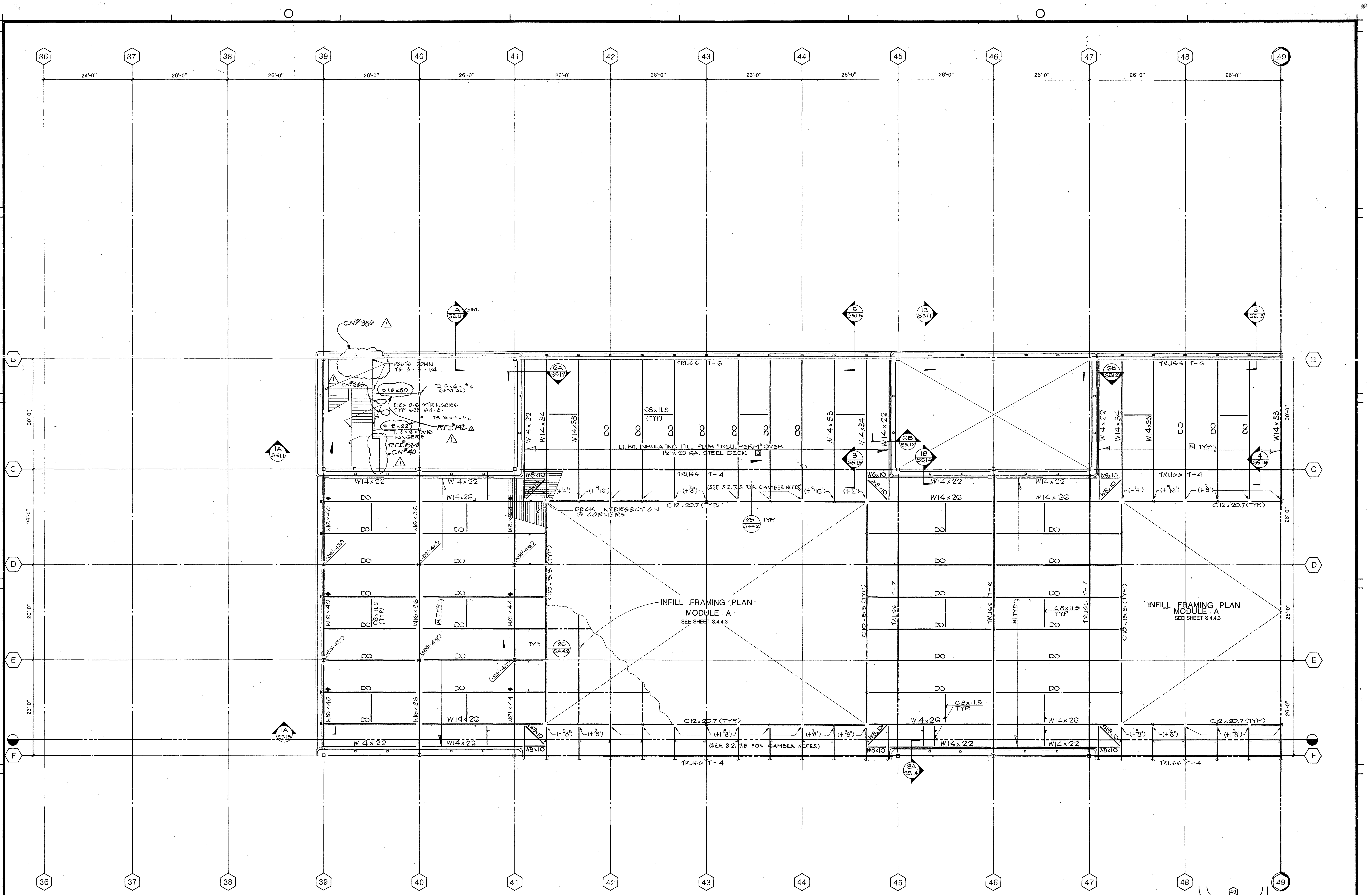
City of Los Angeles Department of Airport
Walter Packer
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: LOWER CHORD BRACING, CATWALK, & MECH. ROOM LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by F T
Drawn by
Chief Architect JDW / BAS
PDSW Project No. #79000

Drawing No. LC-6
S2.6.6
Sheet of Sheets

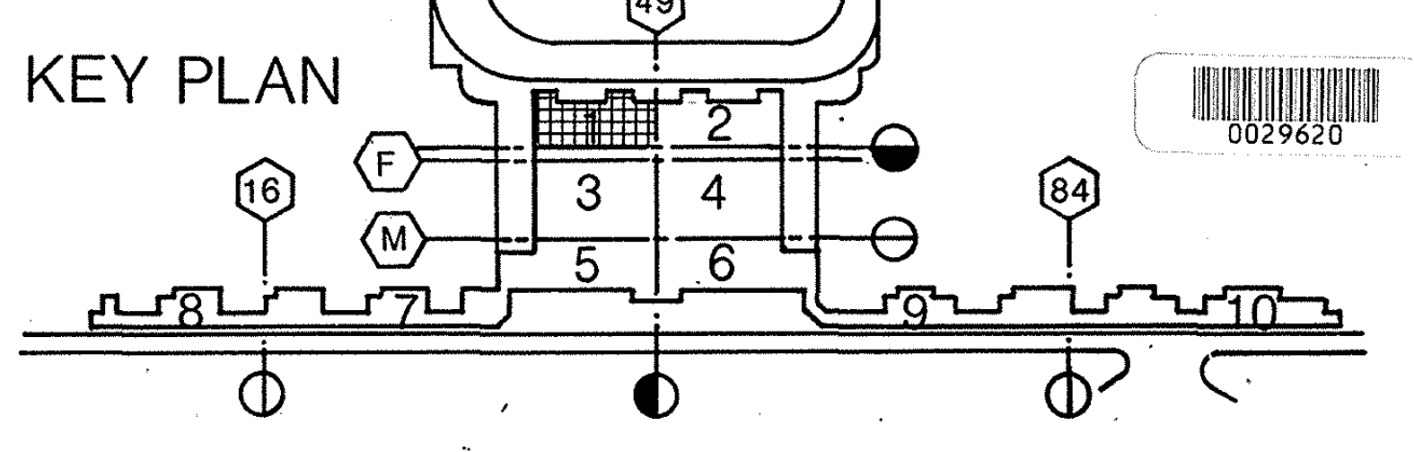


ⓑ NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. AT ℄ COLUMN = +84'-10" U.N.O.
3. ♦ INDICATES T.O.S. AT BEAMS -14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029620

⚠1	8-84	E.F.	C.N.#386, 266, 40, 204. R.F.I.#142, 152-S, 432.	ⓑ	3-19-82		ADDENDUM "B", SEE S 2.7.5 FOR SCOPE
⚠2	3-21-85		AS BUILT CORRECTION				

F AB.0.1
S7.1

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

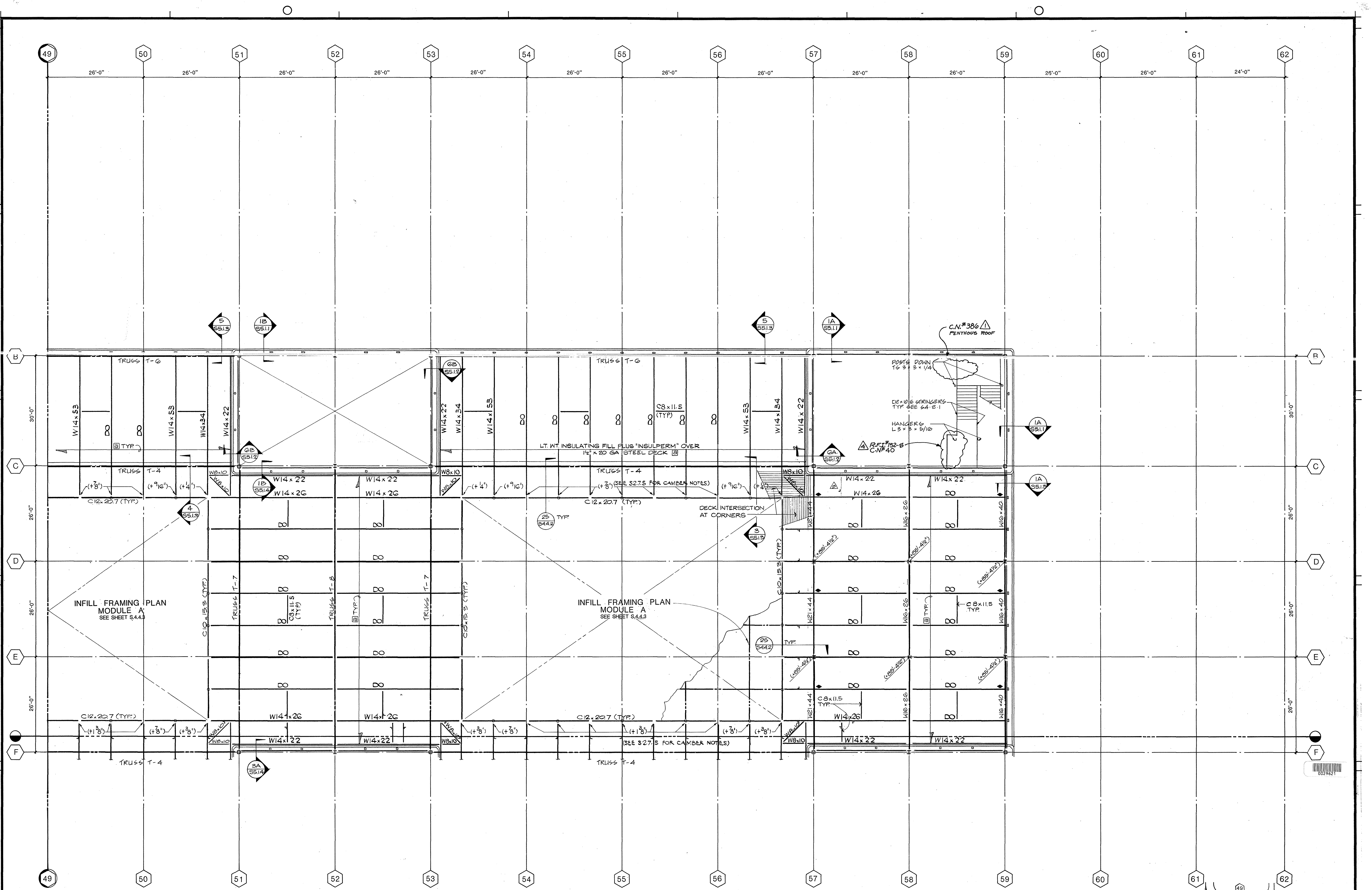
West Terminal
Los Angeles International Airport

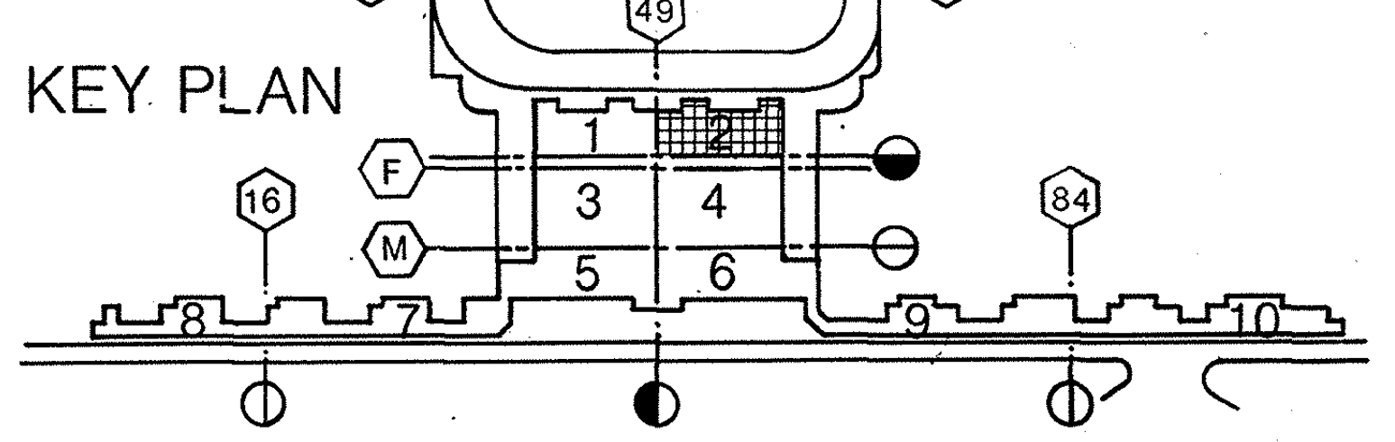
Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title MAIN ROOF LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by F.T.
Drawn by
Chief Architect JDW / BAS
PDSW Project No. 79000

Drawing No. UC-1
S2.7.1
Sheet of Sheets

S-2.7.1





B NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. AT ℄ COLUMN = +84'-10" U.N.O.
3. ♦ INDICATES T.O.S. AT BEAMS -14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

4	8.84	E.F.	C.N.# 386, 40 • R.F.I. # 152-S •	3	6.1.82		GENERAL COORDINATION	B	3.19.82		ADDENDUM "B", SEE S2.7.5 FOR SCOPE
5	3.21.85		AS BUILT CORRECTION								

F AB.0.2
S7.2

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Malm. Prober
Date FEB. 3, 1982

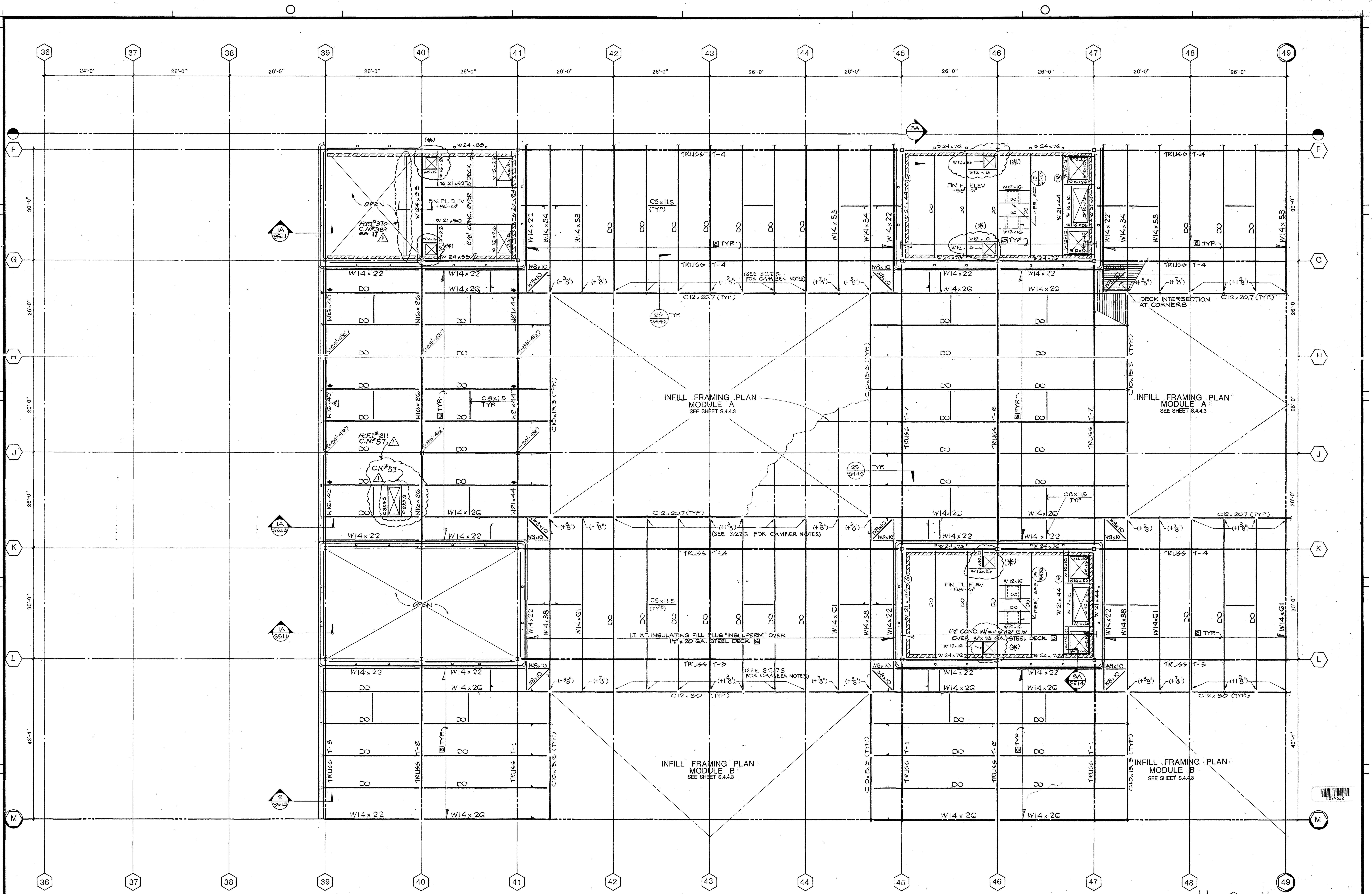
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: MAIN ROOF LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. UC-2
S2.7.2
Sheet of Sheets

S-2.7.2



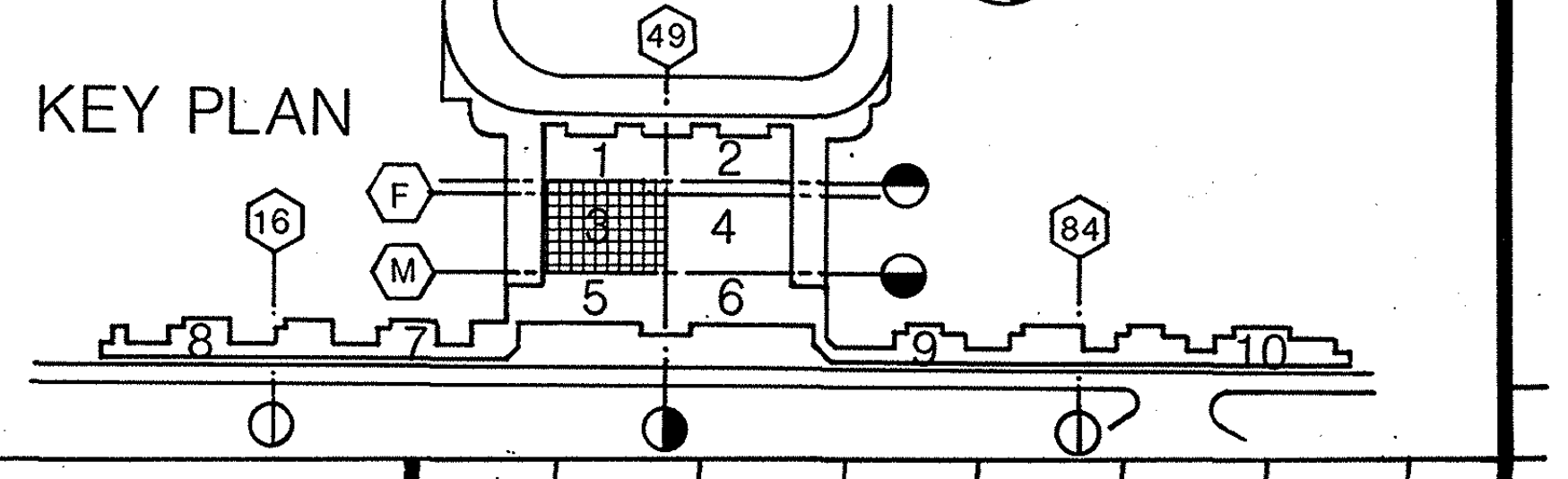
(*) SEE R.F.I.#424 ⚠1

Ⓑ NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. AT ℄ COLUMN = +84'-10" U.N.O.
3. ♦ INDICATES T.O.S. AT BEAMS – 14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



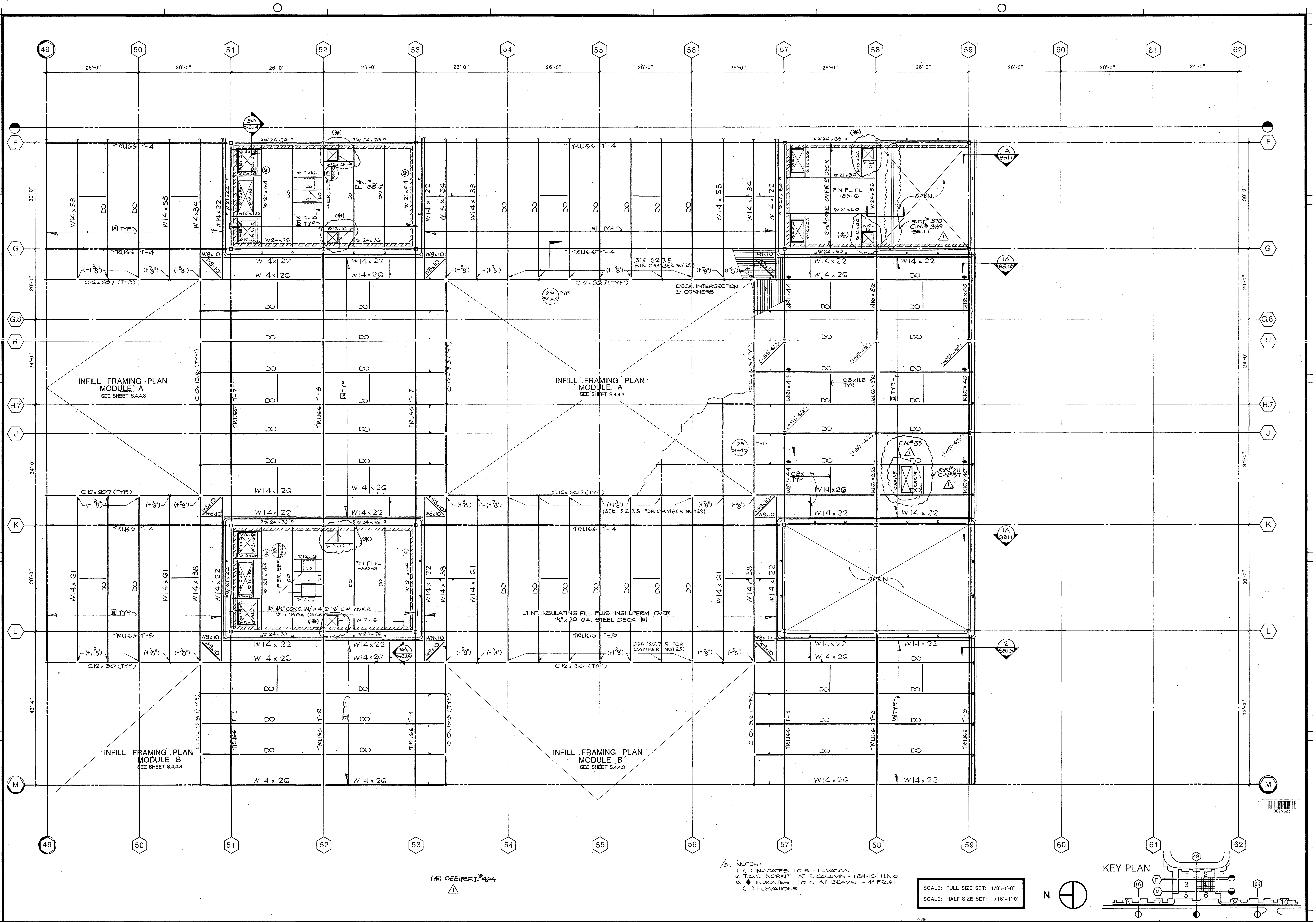
⚠1	8.84	E.F.	R.F.I.#370,424,211. C.N.#389,53,57.	
⚠2	3.21.85		AS BUILT CORRECTION	
Ⓑ	3.19.82		ADDENDUM "B", SEE S2.7.5 FOR SCOPE	
F	AB.03			S7.3

William L. Pereira FAIA

Architect of Record WLP	**Pereira Dworsky Sinclair Williams**	5657 WILSHIRE BOULEVARD LOS ANGELES, CALIFORNIA 90036 A JOINT VENTURE	City of Los Angeles Department of Airport	**West Terminal** Los Angeles International Airport	
Project Architect REM					
Date FEB. 3,1982			Date FEB. 3,1982		
Engineer					
Date					

Project	WEST TERMINAL AND AIRCRAFT APRON	Designed by FT	Drawing No. UC-3
Drawing Title	MAIN ROOF LEVEL & UPPER MECH. FLOOR FRAMING PLAN	Drawn by	**S2.7.3**
		Chief Architect JDW/BAS	
Department of Airports Drawing No.	82001-600	PDSW Project No. 79000	Sheet of Sheets

S.2.7.3



NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. AT ℄ COLUMN = +84'-10" U.N.O.
3. ◆ INDICATES T.O.S. AT BEAMS -14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

0029623

1	8.84	E.F.	R.F.I.# 370, 424, 211. C.N.# 389, 53, 57.	B	3.19.82	ADDENDUM "B", SEE S2.7.5 FOR SCOPE	F	AB.0.4.A
2	3.21.85		AS BUILT CORRECTION					S74

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record: WLP
Project Architect: REM
Date: FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Date: FEB. 3, 1982

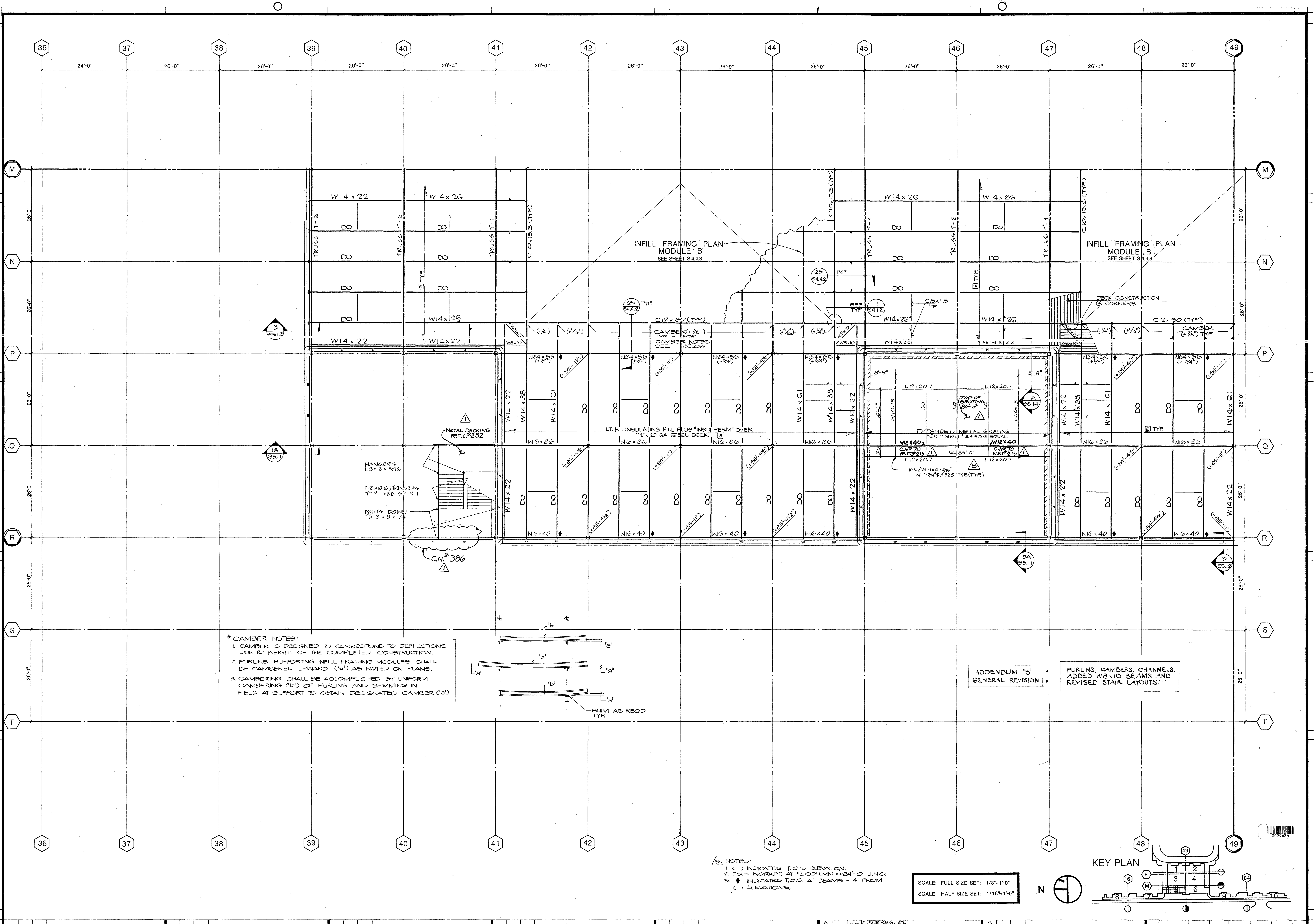
West Terminal
Los Angeles International Airport

Project
Drawing Title: MAIN ROOF LEVEL & UPPER MECH. FLOOR FRAMING PLAN
Department of Airports Drawing No.: 82001-600

Designed by: FT
Drawn by
Chief Architect: JDW/BAS
PDSW Project No.: 79000

Drawing No.: UC-4
S2.7.4
Sheet of Sheets

S-2.7.4



*CAMBER NOTES:
1. CAMBER IS DESIGNED TO CORRESPOND TO DEFLECTIONS DUE TO WEIGHT OF THE COMPLETED CONSTRUCTION.
2. PURLINS SUPPORTING INFILL FRAMING MODULES SHALL BE CAMBERED UPWARD ("a") AS NOTED ON PLANS.
3. CAMBERING SHALL BE ACCOMPLISHED BY UNIFORM CAMBERING ("b") OF PURLINS AND SHIMMING IN FIELD AT SUPPORT TO OBTAIN DESIGNATED CAMBER ("a").

ADDENDUM "B" GENERAL REVISION • PURLINS, CAMBERS, CHANNELS, ADDED W8x10 BEAMS AND REVISED STAIR LAYOUTS.

B NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. AT ℄ COLUMN = +84'-10" U.N.O.
3. ♦ INDICATES T.O.S. AT BEAMS - 14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

0029624

1	8.84	E.F.	C.N.#386,70. R.F.I.#232,215.
2	3.21.85		AS BUILT CORRECTION
B	3.19.82		ADDENDUM "B"

F AB.0.5

57.5

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3, 1982

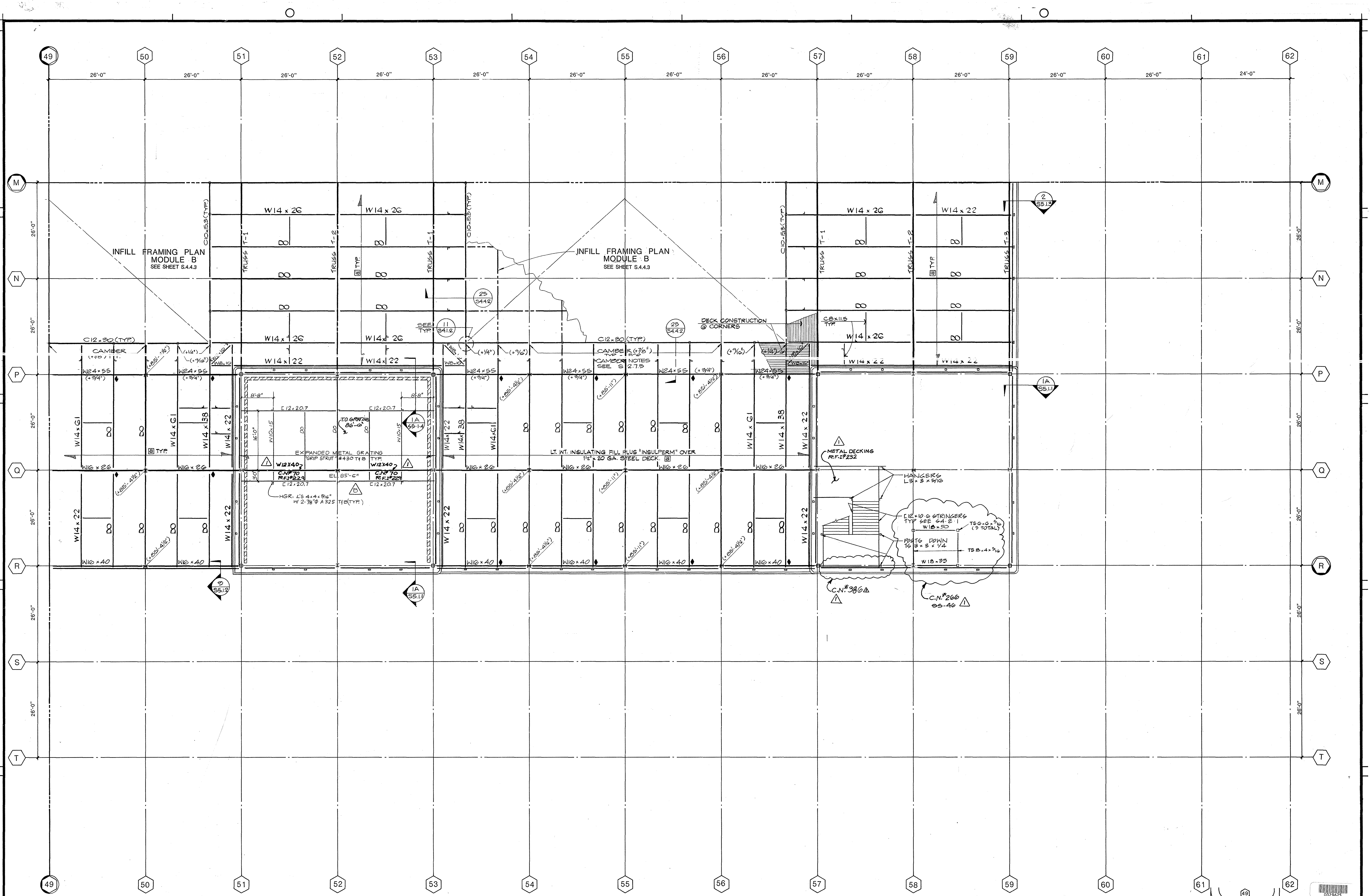
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: MAIN ROOF LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW / BAS
PDSW Project No. 79000

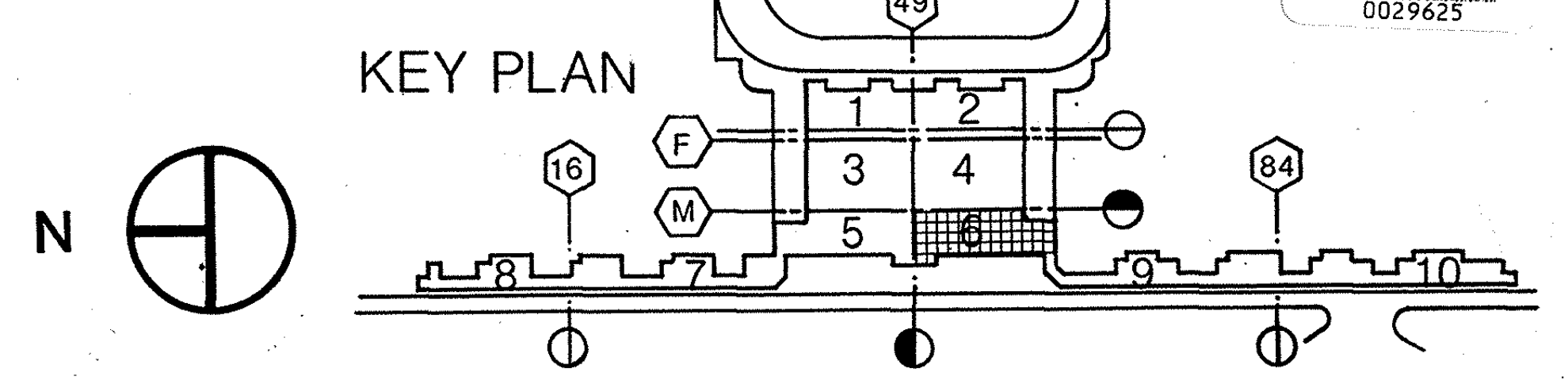
Drawing No. UC-5
S2.7.5
Sheet of Sheets

S-2.7.5



B NOTES:
1. ( ) INDICATES T.O.S. ELEVATION.
2. T.O.S. WORKPT. @ ℄ COLUMN = +84'-10" U.N.O.
3. ♦ INDICATES T.O.S. @ BEAMS - 14" FROM ( ) ELEVATIONS.

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"



1	8.84	E.F.	C.N.# 70,386,266. R.F.I.# 229,232.	B	3.19.82		ADDENDUM "B", SEE S2.7.5 FOR SCOPE
2	3.21.85		AS BUILT CORRECTION				

F AB.0.6
S7.6

William L. Pereira F.A.I.A.
John St. Williams

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George C. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

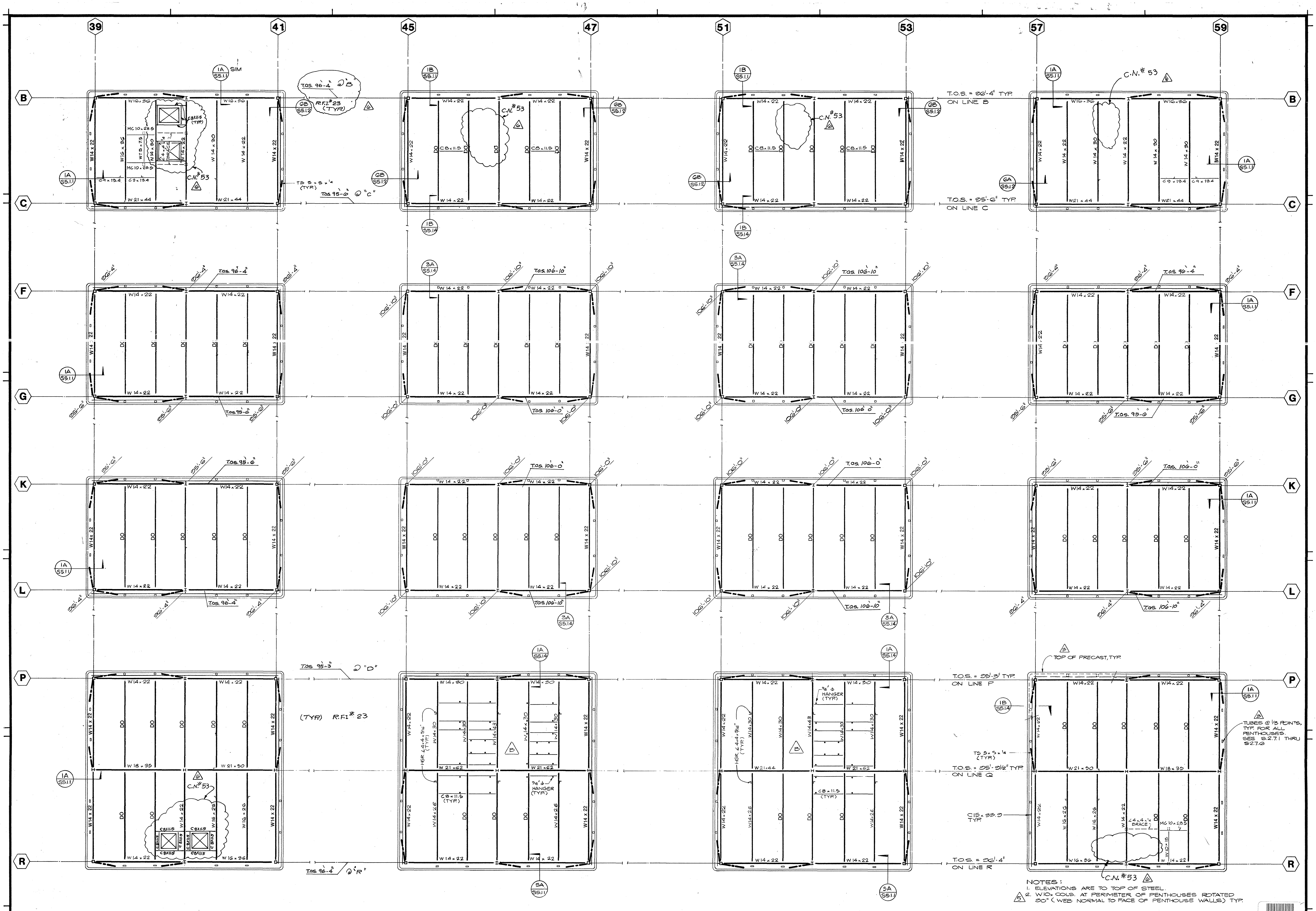
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3,1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title MAIN ROOF LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600
Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. UC-6
S2.7.6
Sheet of Sheets

S.2.7.6



NOTES:
1. ELEVATIONS ARE TO TOP OF STEEL.
⚠5 2. W10x COLS. AT PERIMETER OF PENTHOUSES ROTATED 90° (WEB NORMAL TO FACE OF PENTHOUSE WALLS) TYP.

0029626

	AS BUILT	6	8.83	E.F.	R.F.I. #23, C.N. #53.
5	8.20.82		B	3.19.82	ADDENDUM B
3	6.1.82	GENERAL COORDINATION			

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

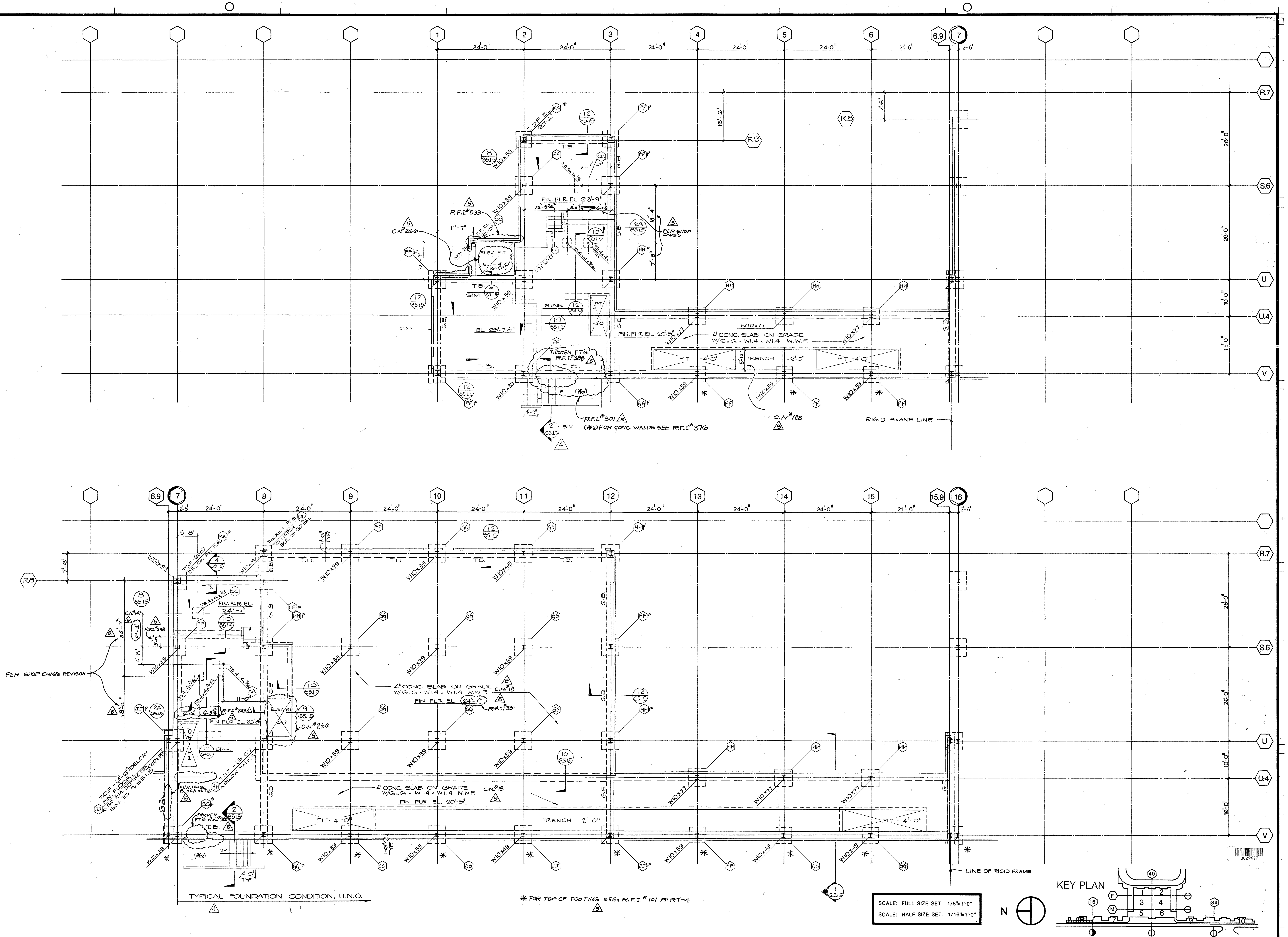
City of Los Angeles
Department of Airport
Date FEB. 3,1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title PENTHOUSE ROOF FRAMING PLANS
Department of Airports Drawing No. 82001-600

Designed by FT
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S2.8.1
Sheet of Sheets



SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT	5	8-84	E.F.	R.F.I.#388,243,298,101-5,331,501,376. C.N.#266,147,18,188.	3	6-1-82	GEN. COORDINATION	F AB.1.8
	4	8-30-82		GATE REVISIONS				S1-8

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

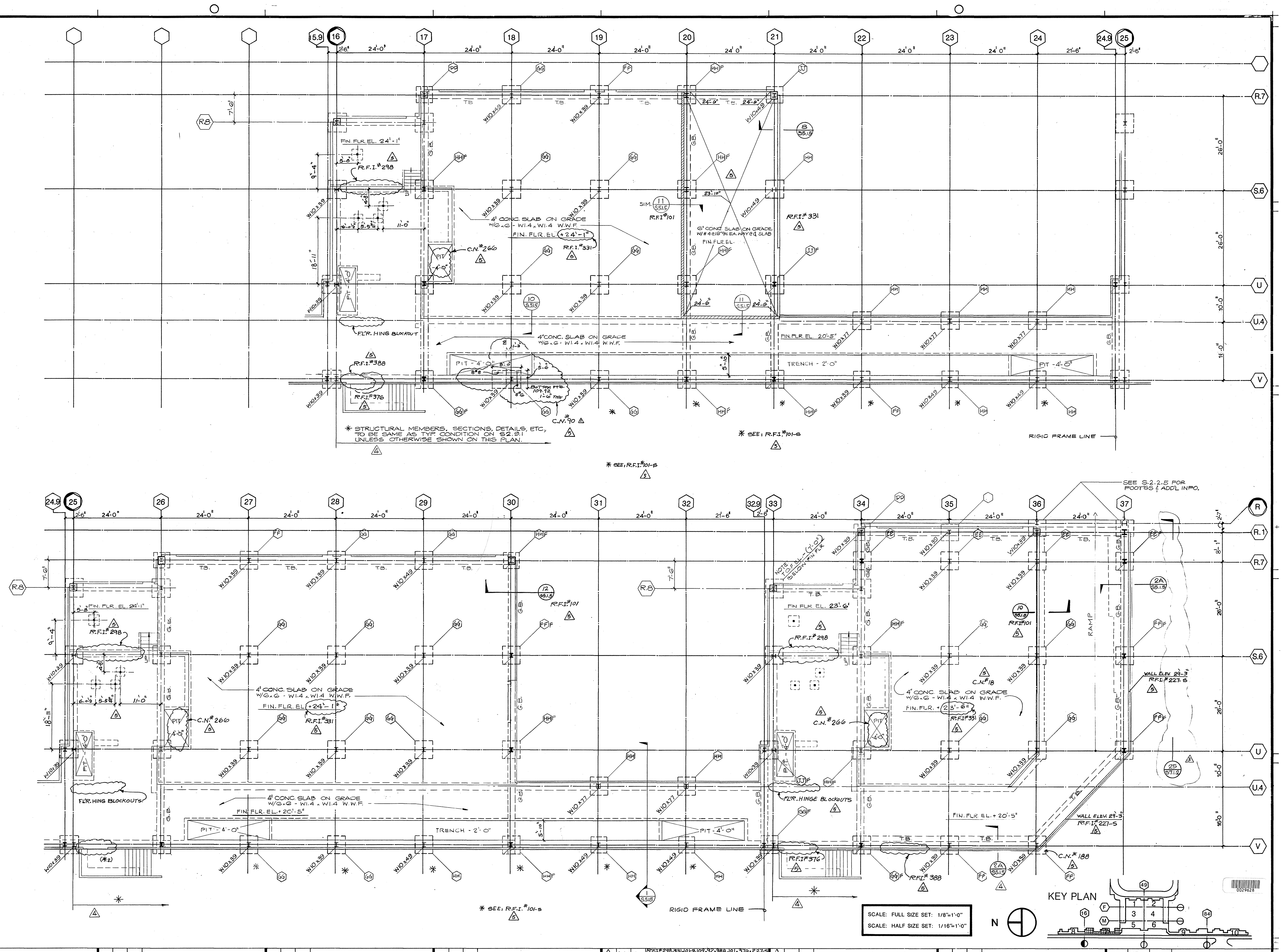
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: NORTH CONCOURSE - LOWER LEVEL & FOUNDATION PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.9.1
Sheet of 8 Sheets



SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

5	8.84	E.F	R.F.I.# 298,331,101-S,109,92,388,101,376,227-S 133-S. C.N.# 266,18,904,188.
4	8.30.82		GATE REVISIONS
3	6.1.82		GENERAL COORDINATION

F AB.1.7

S1.7

William L. Pereira F.A.I.A

John St. Williams

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
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A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: NORTH CONCOURSE - LOWER LEVEL & FOUNDATION PLAN
Department of Airports Drawing No. 82001-600

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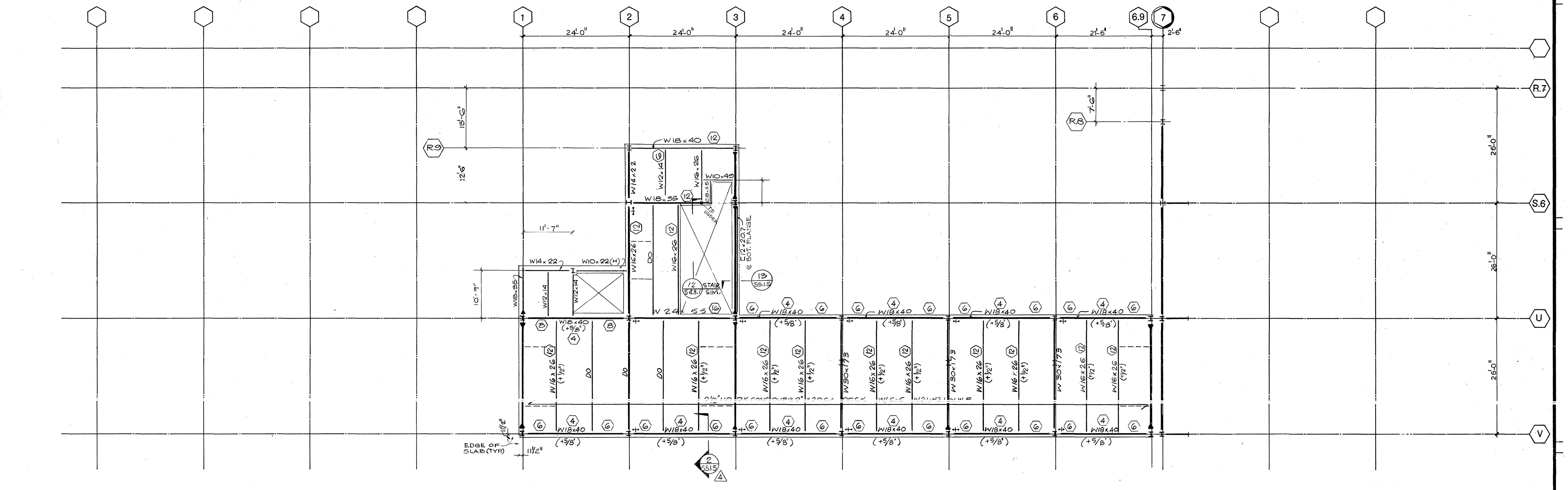
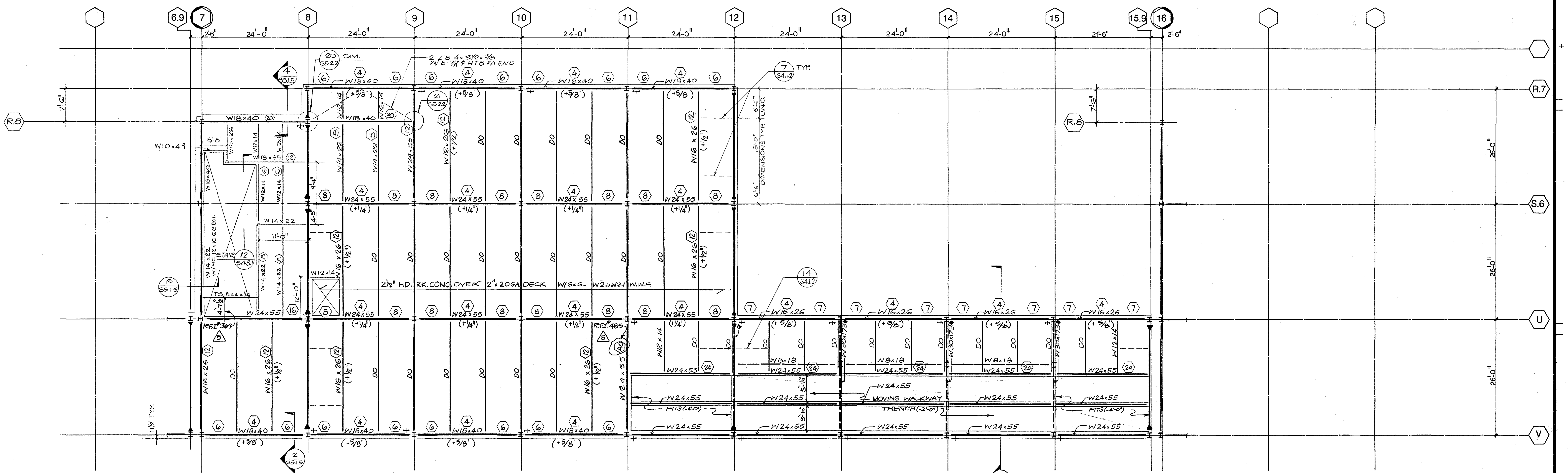
Drawing No. S2.9.2
Sheet of Sheets

LOWER LEVEL 7





TYPICAL UPPER LEVEL CONDITION, U.N.O.

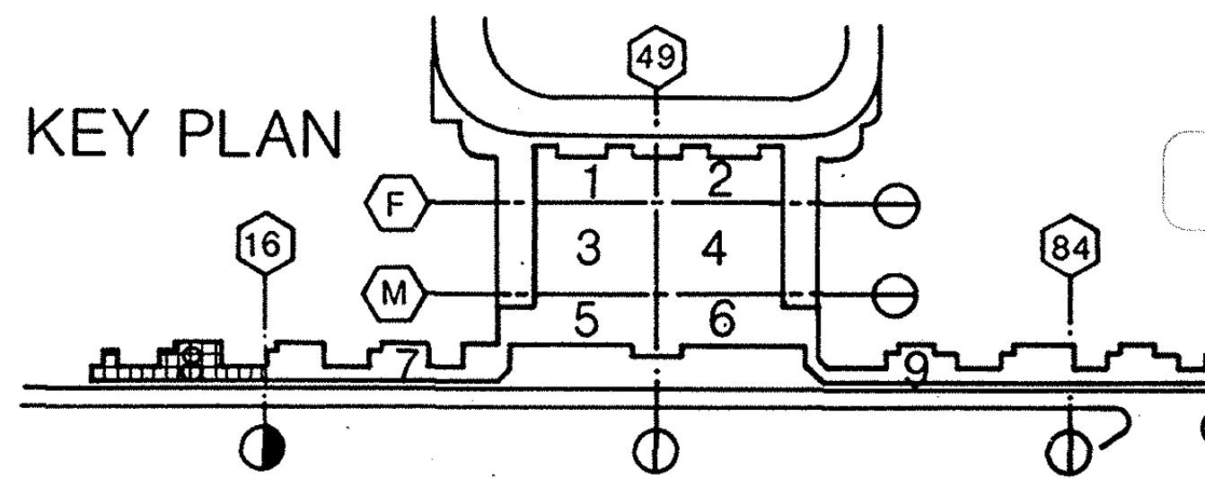
NOTES:
T.O.S. = 36'-8½" TYP. U.N.O.
◆ T.O.S. = 34'-8½"

●+● – DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S.4.1.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



AS BUILT			
5	8.84	E.F.	R.F.I.#369,485 •
4	8.30.82		GATE REVISIONS
B	3.19.82		ADDENDUM B
F	AB.2.8		S2.8

William L. Pereira FAIA

Architect of Record	WLP
Project Architect	REM
Date	FEB. 3, 1982
Engineer	
Date	

Pereira
Dworsky
Sinclair
Williams

5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

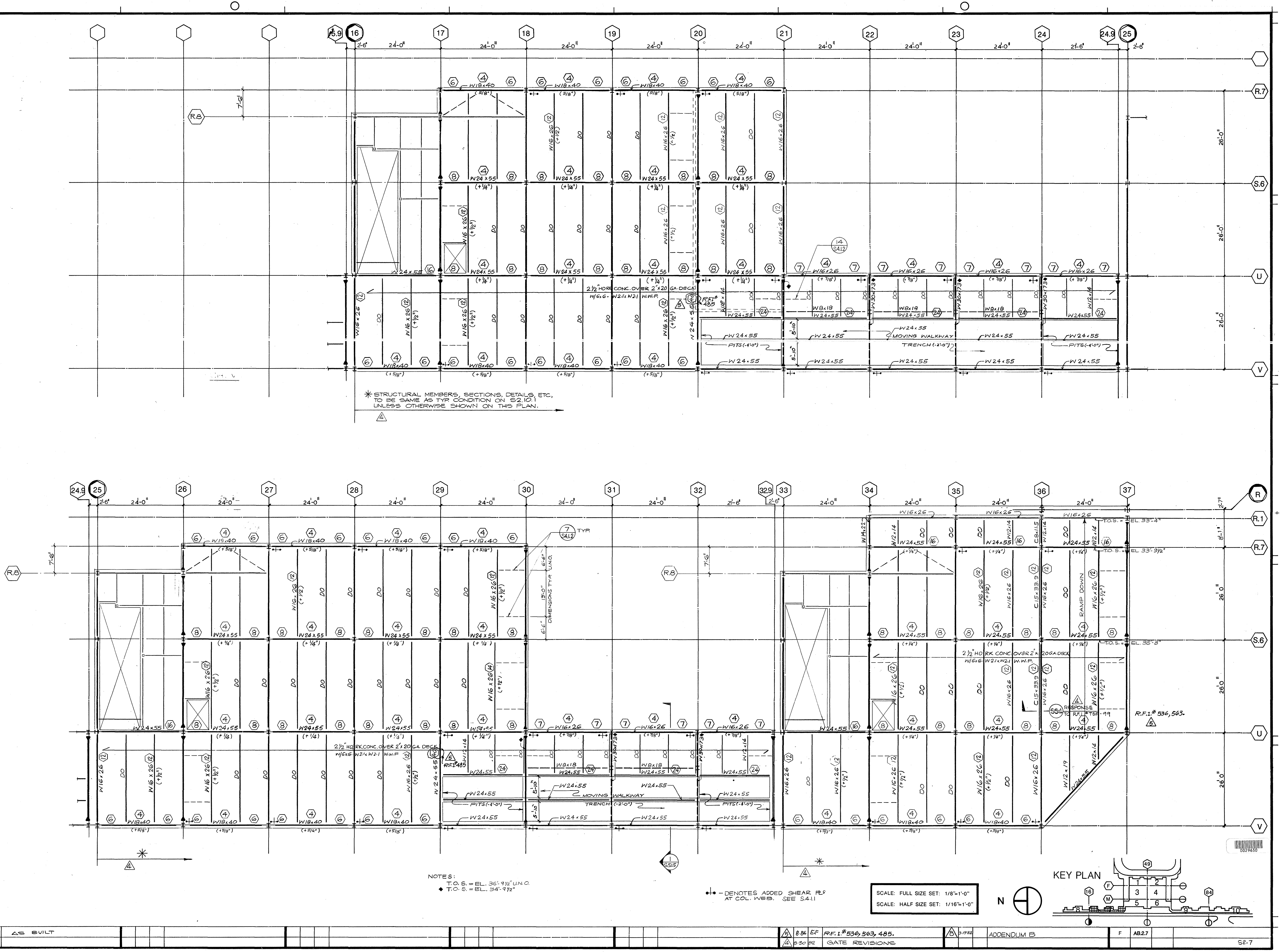
City of Los Angeles
Department of Airports
Date
FEB 3, 1982

West Terminal
Los Angeles International Airport

Project	WEST TERMINAL AND AIRCRAFT APRON
Drawing Title	NORTH CONCOURSE - UPPER LEVEL FRAMING PLAN
Department of Airports Drawing No.	82001-600

Designed By	DLD
Drawn By	
Chief Architect	JDW,BAS
PDSW Project No.	79000

Drawing No.
S2.10.1
Sheet of Sheets



✳ STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYP. CONDITION ON S2.10.1 UNLESS OTHERWISE SHOWN ON THIS PLAN. △4

NOTES:
T.O.S. = EL. 36'-9½" U.N.O.
◆ T.O.S. = EL. 34'-9½"

•|• – DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S.4.1.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

△5	8.84	E.F	R.F.I.# 536, 563, 485.
△4	8.30.82		GATE REVISIONS
△B	3.19.82		ADDENDUM B
F	AB2.7		

AS BUILT

S2.7

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

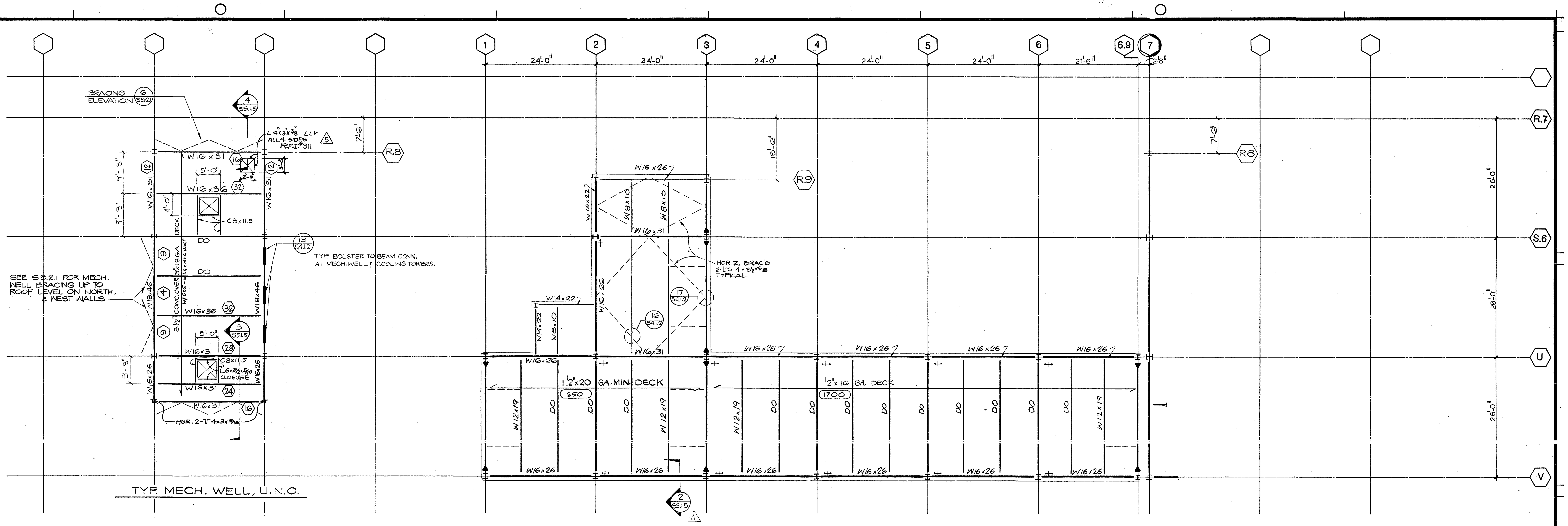
City of Los Angeles
Department of Airports
Date FEB 3, 1982

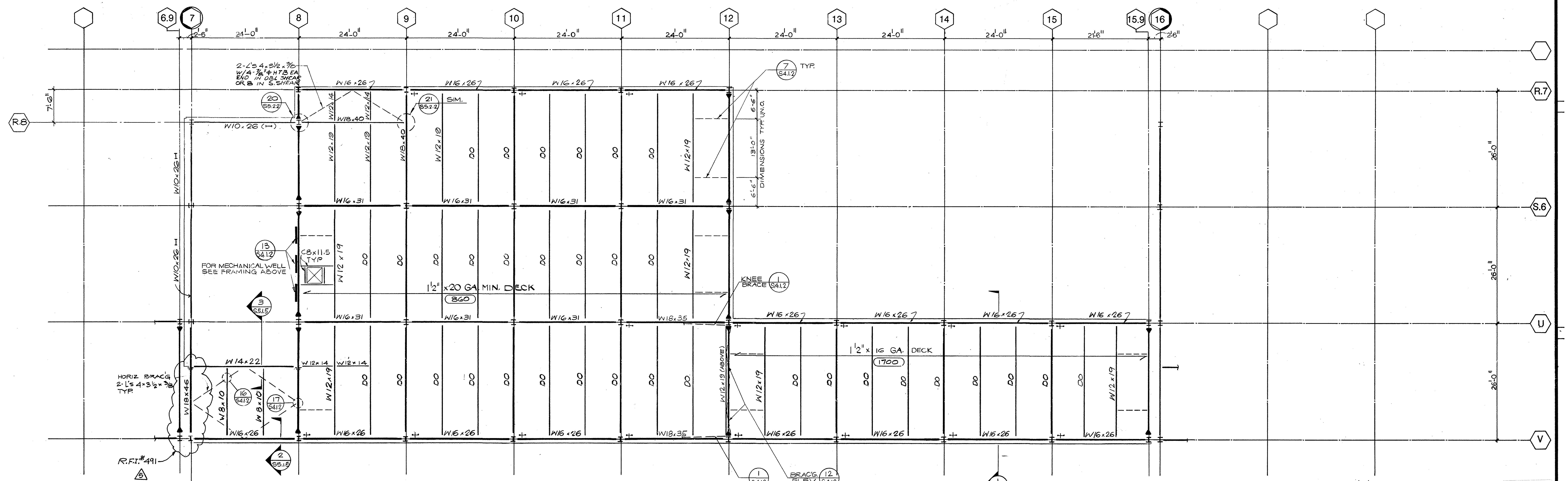
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: NORTH CONCOURSE - UPPER LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.10.2
Sheet of Sheets





TYPICAL ROOF & MECH. WELL CONDITION, U.N.O. 4

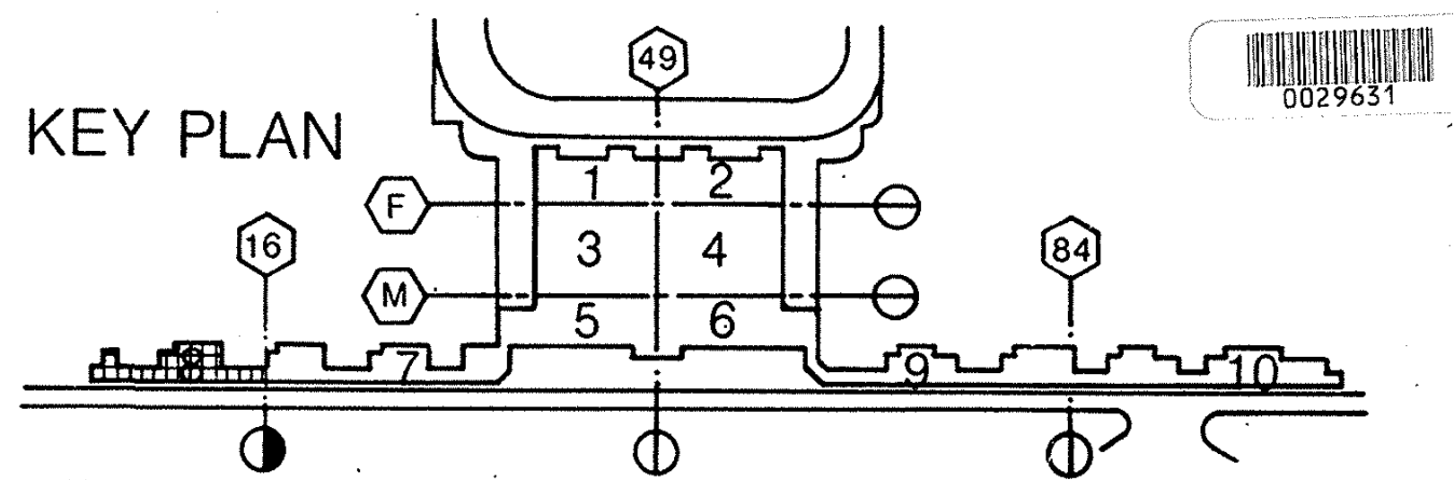
—DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S.4.1.1

— INDICATES REQUIRED DIAPHRAGM HORIZONTAL SHEAR CAPACITY (LBS/LF)

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029631

AS BUILT	5	8.84	E.F.	R.F.I. #491, 311.	
	4	8.30.82		GATE REVISIONS	
B	3.19.82		ADDENDUM B	F	AB.3.8
					S 3.8

William L. Pereira F.A.I.A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1992
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

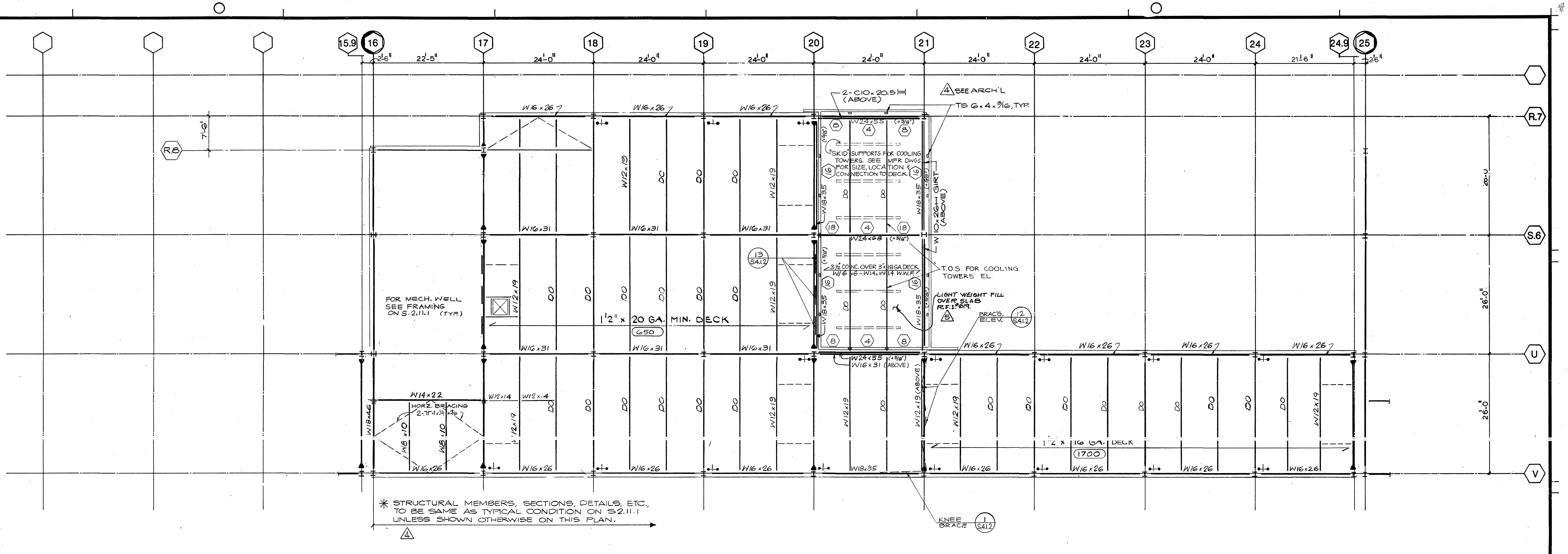
City of Los Angeles Department of Airports
Date FFB 3, 1982

West Terminal
Los Angeles International Airport

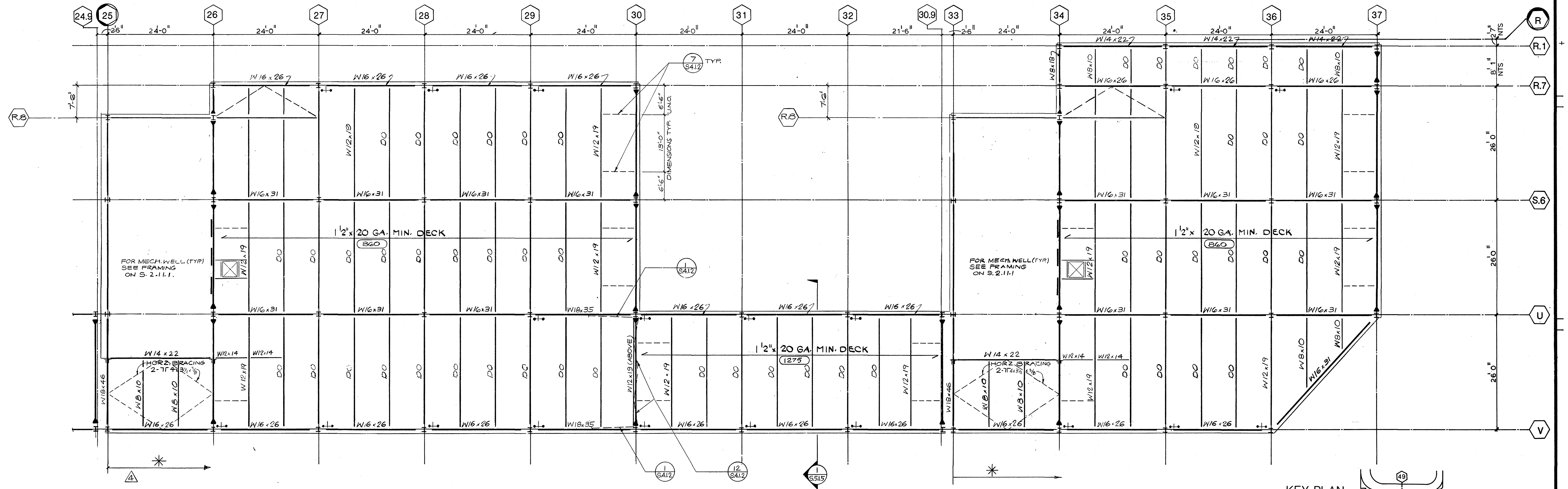
Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title NORTH CONCOURSE - ROOF FRAMING PLAN
Department of Airports Drawing No. 82001-600

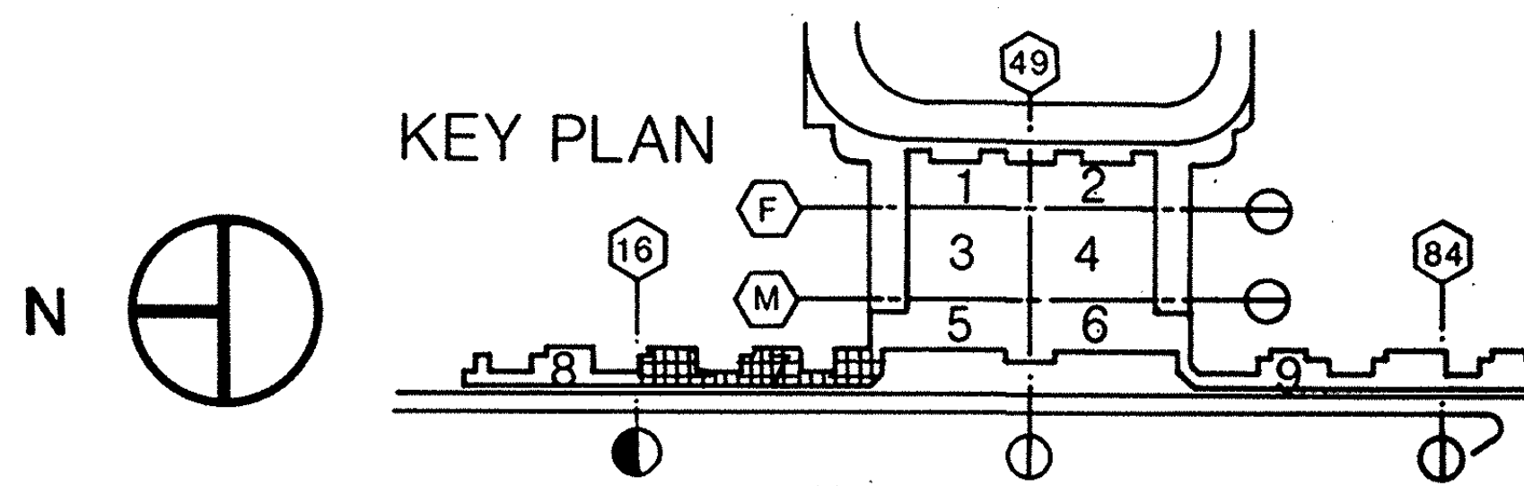
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.11.1
Sheet of Sheets


15.9
16
17
18
19
20
21
22
23
24
24.9
25
R.7
S.6
U
V
R8
2-C10×20.5
(ABOVE)
SEE ARCH'L
TS 6×4×5/16, TYP.
SKID SUPPORTS FOR COOLING TOWERS. SEE MFR DWGS FOR SIZE, LOCATION & CONNECTION TO DECK.
W10×26 GIRT (ABOVE)
T.O.S. FOR COOLING TOWERS EL.
3½" CONC. OVER 3"×18 GA. DECK W/ 6×6-W1.4×W1.4 W.W.F.
LIGHT WEIGHT FILL OVER SLAB R.F.I.# 619.
BRAC'G. ELEV.
FOR MECH. WELL SEE FRAMING ON S.2.11.1 (TYP)
1½" × 20 GA. MIN. DECK
650
1½" × 16 GA. DECK
1700
HORZ. BRACING
KNEE BRACE
W24×55
W24×68
W16×26
W16×31
W12×19
W14×22
W8×10
W18×46
W18×35

✳ STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYPICAL CONDITION ON S2.11.1 UNLESS SHOWN OTHERWISE ON THIS PLAN.





●┼● — DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S.4.1.1

⬭ — INDICATES REQUIRED DIAPHRAGM HORIZONTAL SHEAR CAPACITY (LBS/LF)

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT	5	8.84	E.F.	R.F.I.# 619.	B	3.1982	ADDENDUM B
	4	8.30.82		GATE REVISIONS			

F AB.3.7

33.7

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1992
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

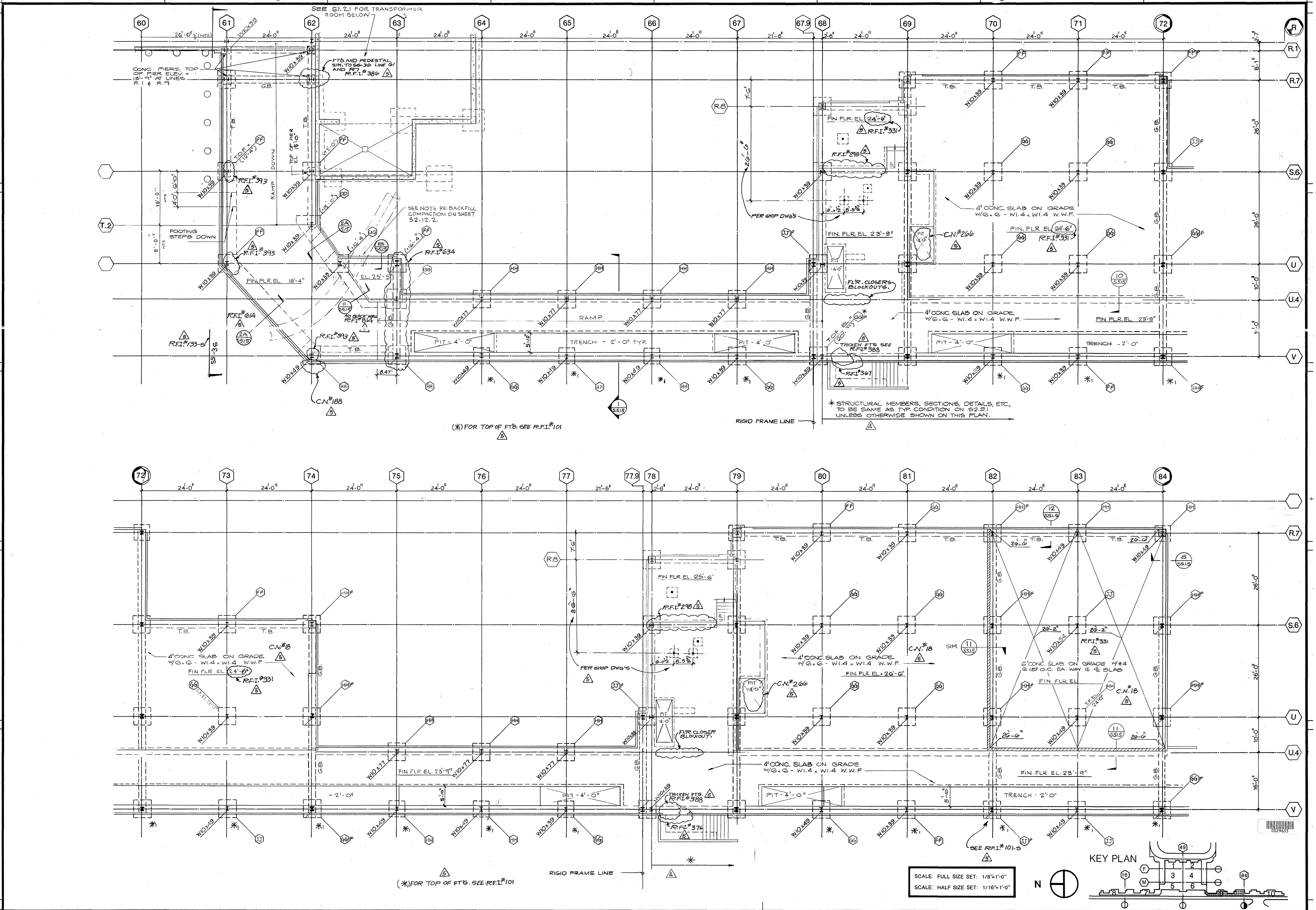
City of Los Angeles
Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: NORTH CONCOURSE - ROOF FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.11.2
Sheet of Sheets


SEE S1.2.1 FOR TRANSFORMER ROOM BELOW
CONC. PIERS, TOP OF PIER ELEV. = 13'-9" AT LINES R.1 & R.9
FTG AND PEDESTAL SIM. TO SS-36 LINE 61 AND R7 R.F.I.# 386
FOOTING STEPS DOWN
RAMP DOWN
SEE NOTE RE: BACKFILL COMPACTION ON SHEET S2.12.2
FIN. FLR. EL. 18'-4"
EL. 25'-5"
FIN. FLR. EL. 24'-6"
FIN. FLR. EL. 23'-9"
PER SHOP DWG'S
FL'R. CLOSERS BLOCKOUTS
4" CONC. SLAB ON GRADE W/6.6 - W1.4 x W1.4 W.W.F.
RAMP
PIT - 4'-0"
TRENCH - 2'-0" TYP.
THICKEN FT'G SEE R.F.I.# 388
C.N.# 188
C.N.# 266
(*) FOR TOP OF FT'G. SEE R.F.I.# 101
RIGID FRAME LINE
* STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYP. CONDITION ON S2.9.1 UNLESS OTHERWISE SHOWN ON THIS PLAN.
FIN. FLR. EL. 25'-6"
FIN. FLR. EL. 26'-6"
6" CONC. SLAB ON GRADE W/#4 @ 18" O.C. EA. WAY @ ℄ SLAB
F'LR CLOSER BLOCKOUT
SEE R.F.I.# 101-S
KEY PLAN
N

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

3	6.1.82	GEN. COORDINATION				F	AB.1.9
4	3.30.82	GATE REVISIONS	5	8.84	E.F.	RFI# 386, 634, 814, 614, 133-5, 298, 321, 388, 331 101-S, 376, 101. C.N.# 90, 188, 266.	S1.9

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George C. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

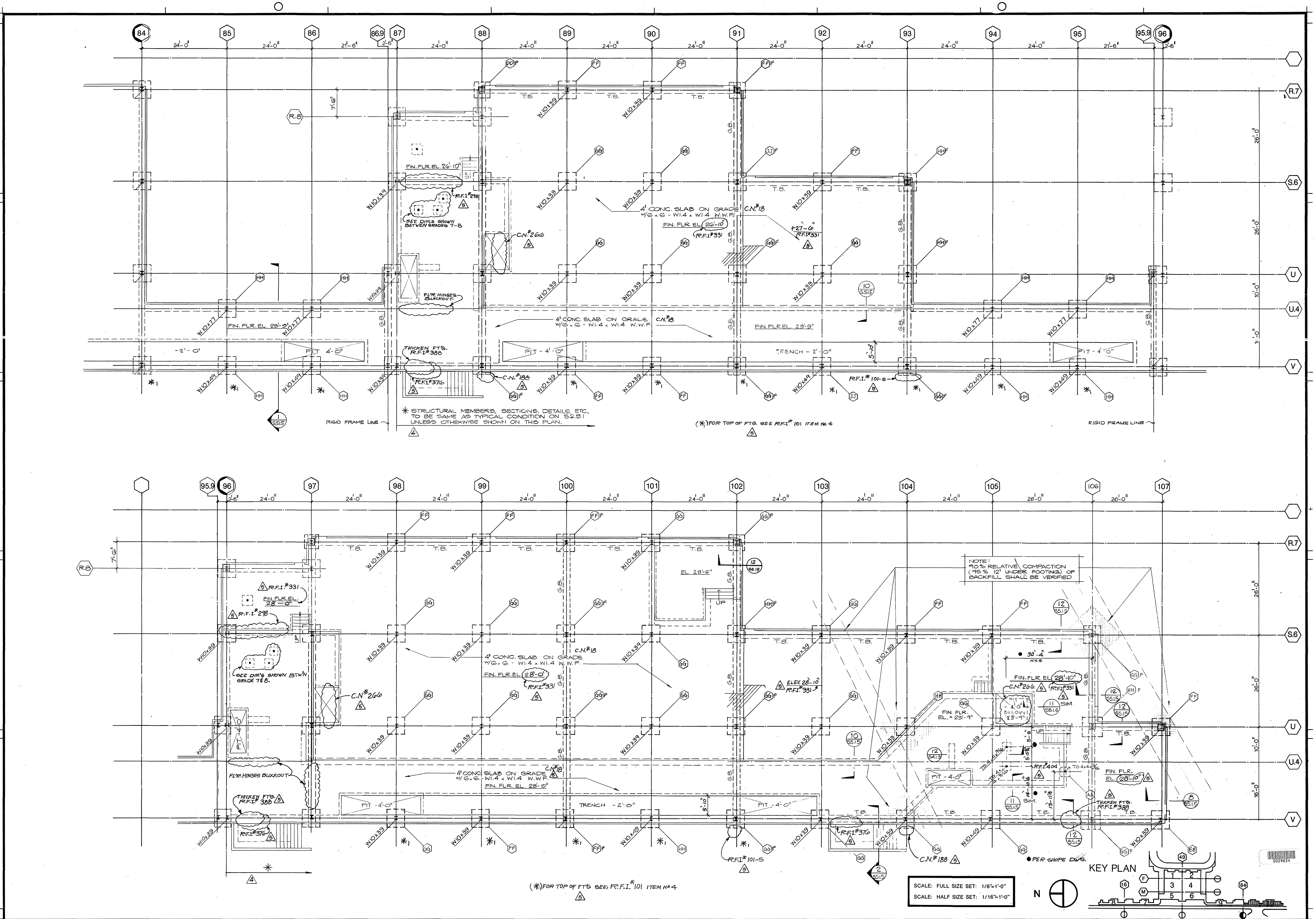
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: SOUTH CONCOURSE - LOWER LEVEL & FOUNDATION PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.12.1
Sheet of Sheets



SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT			
5	8.84 E.F.	R.F.I.# 298,388,101-S,331,376,243,404,101. C.N.# 266,18,188,266.	
4	8-30-82	GATE REVISIONS	
3	6-1-82	GENERAL COORDINATION	

F AB.1.10

S1-10

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
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A JOINT VENTURE

City of Los Angeles Department of Airports
Date FFB 3, 1982

West Terminal
Los Angeles International Airport

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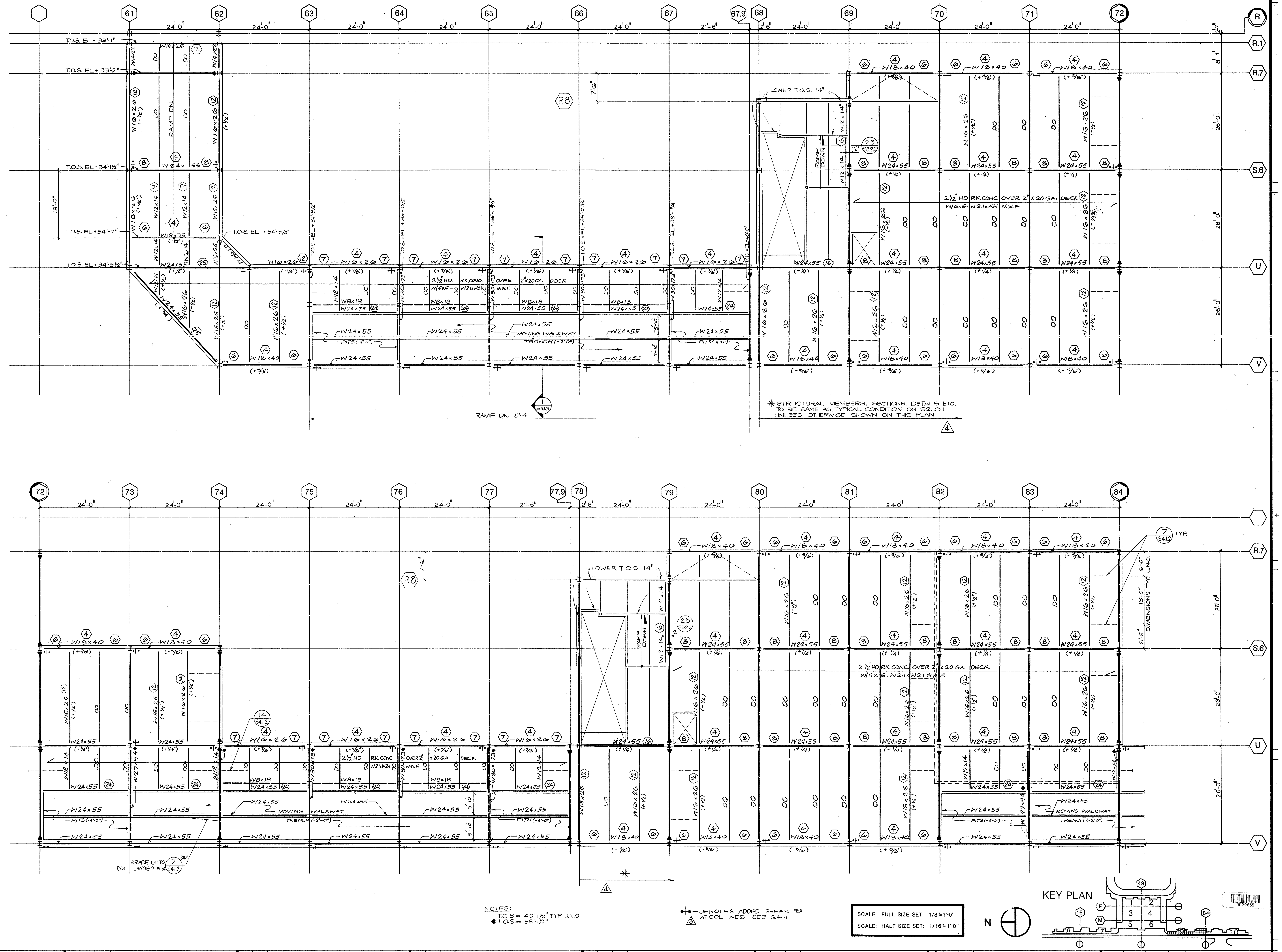
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. **S2.12.2**
Sheet of Sheets


KEY PLAN
N
RAMP DN. 5'-4"
MOVING WALKWAY
LOWER T.O.S. 14"
RAMP DOWN
2½" HD RK.CONC. OVER 2" x 20 GA. DECK W/6x6-W2.1xW2.1 W.W.F.
BRACE UP TO BOT. FLANGE OF W24
DIMENSIONS TYP. U.N.O.

✱ STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC. TO BE SAME AS TYPICAL CONDITION ON S2.10.1 UNLESS OTHERWISE SHOWN ON THIS PLAN

NOTES:
T.O.S.= 40'-1½" TYP. U.N.O
◆T.O.S.= 38'-1½"

●+●—DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S.4.1.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

AS BUILT

4	8-30-82	GATE REVISIONS
B	3-19-82	ADDENDUM B

F AB2.9

S2.9

William L. Pereira FAIA

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

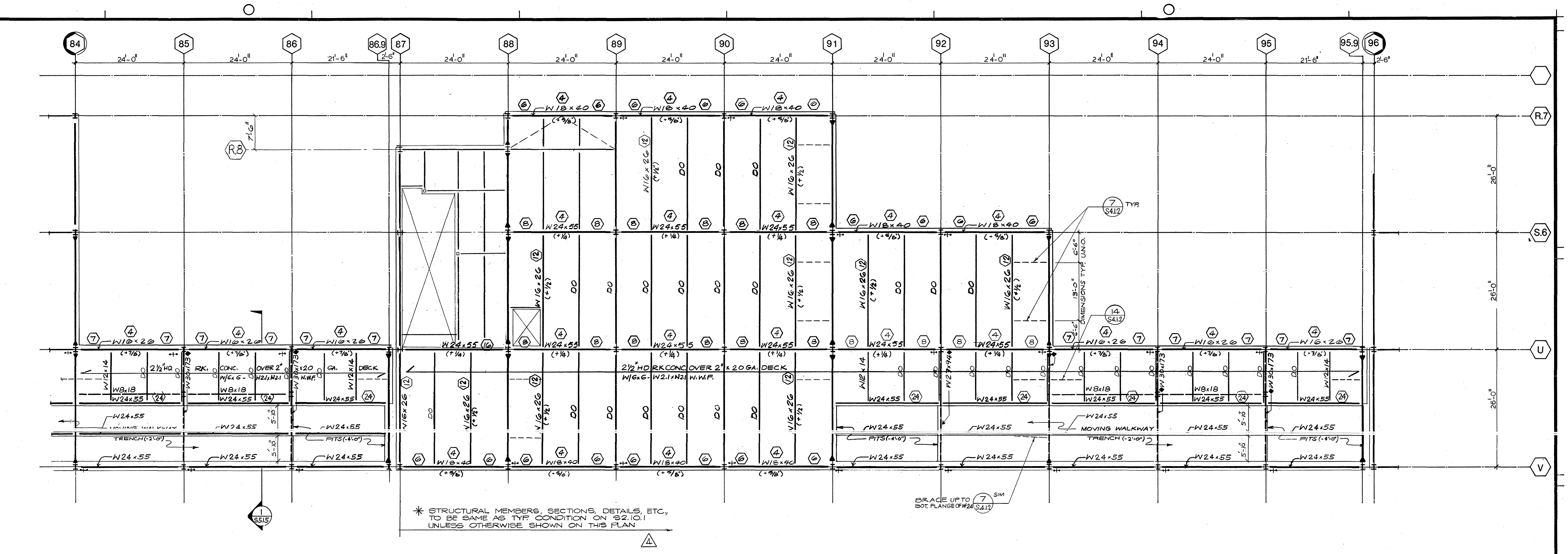
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

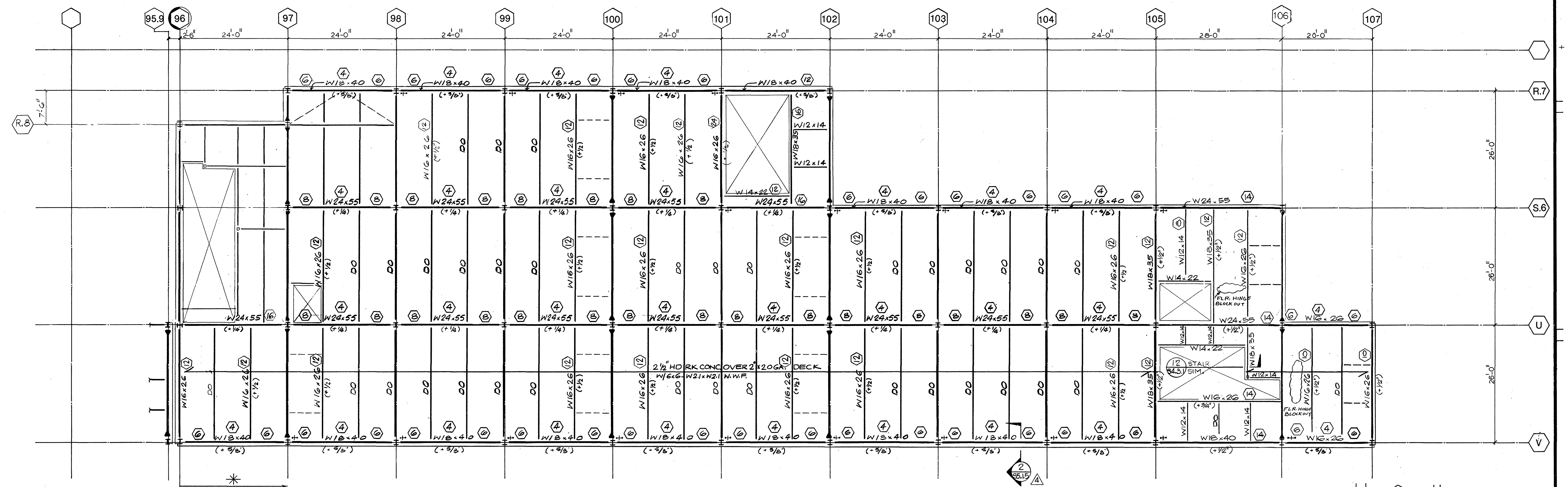
Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title SOUTH CONCOURSE - UPPER LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.13.1
Sheet of Sheets



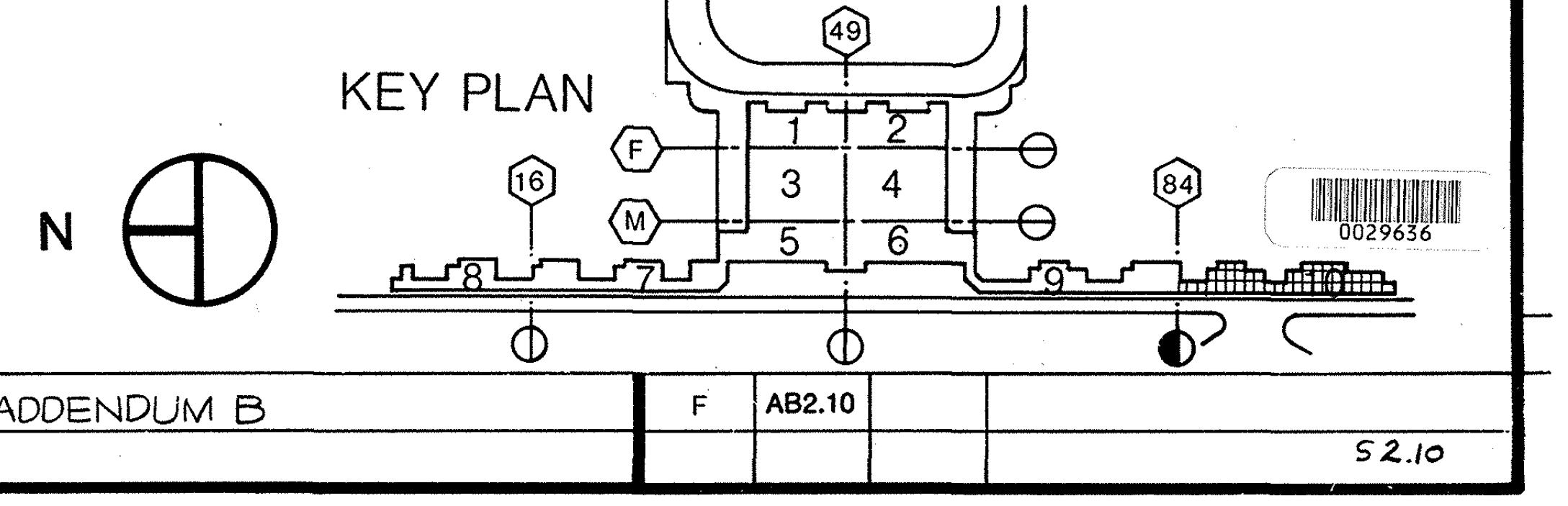
✱ STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYP. CONDITION ON S2.10.1 UNLESS OTHERWISE SHOWN ON THIS PLAN



NOTES:
T.O.S. = 40'-1½" TYP. U.N.O.
◆ T.O.S = 38'-1½"

-DENOTES ADDED SHEAR PLS AT COL. WEB. SEE S4.1.1

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"



0029636

AS BUILT

4	8.30.82	GATE REVISIONS
B	3.19.82	ADDENDUM B

F AB2.10

S2.10

William L. Pereira FAIA
John S. Williams

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

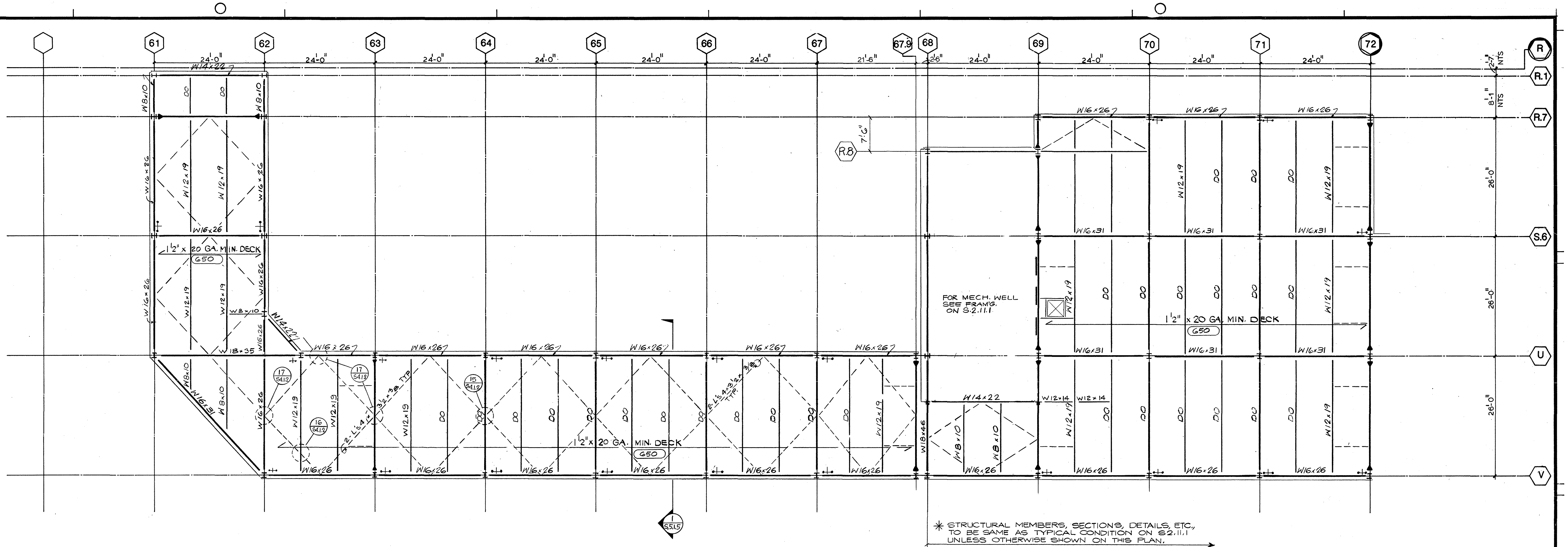
City of Los Angeles Department of Airports
Date FFB 3, 1982

West Terminal
Los Angeles International Airport

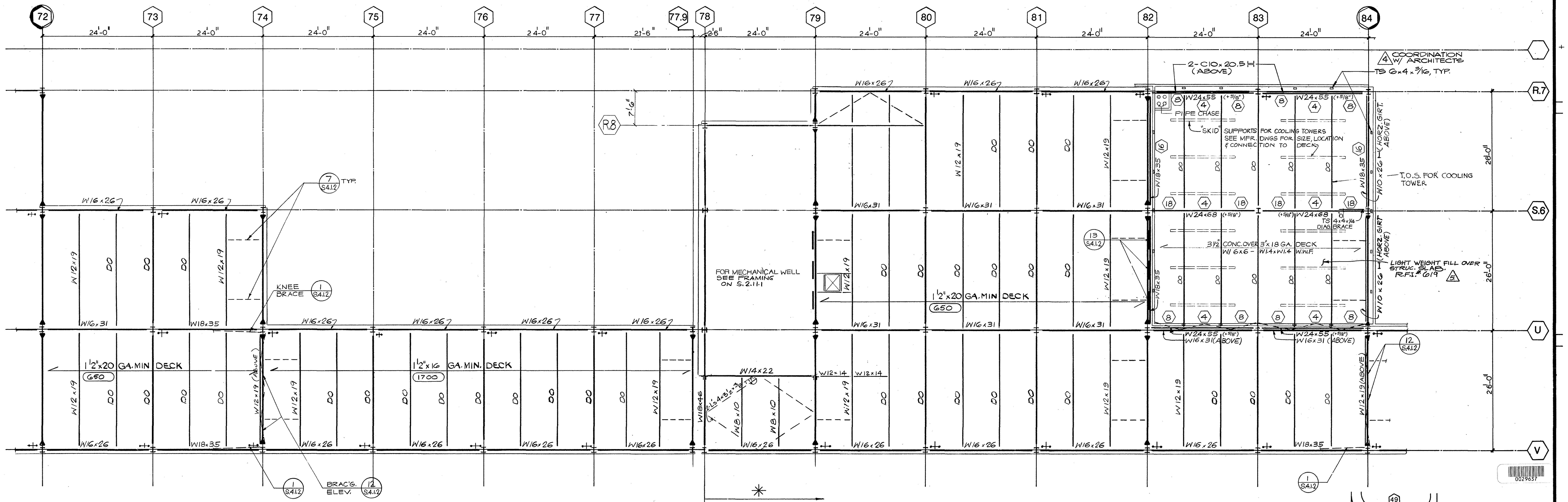
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: SOUTH CONCOURSE - UPPER LEVEL FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. **S2.13.2**
Sheet of Sheets



✳ STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYPICAL CONDITION ON S2.11.1 UNLESS OTHERWISE SHOWN ON THIS PLAN. 4

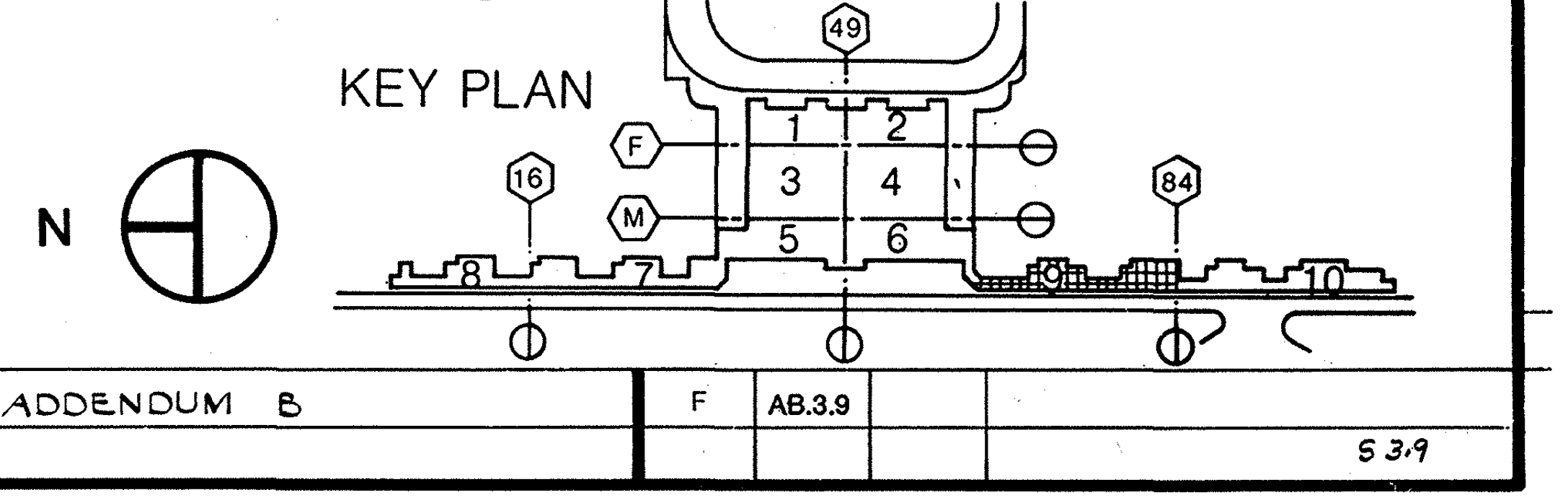


—DENOTES ADDED SHEAR PL's AT COL. WEB. SEE S.4.1.1

— INDICATES REQUIRED DIAPHRAGM HORIZONTAL SHEAR CAPACITY (LBS/LF)

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

KEY PLAN



5	8.84	E.F.	R.F.I.# 619.
4	8.30.82		GATE REVISIONS
B	3.1982		ADDENDUM B
F	AB.3.9		

AS BUILT

S 3.9

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1992
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB 3, 1982

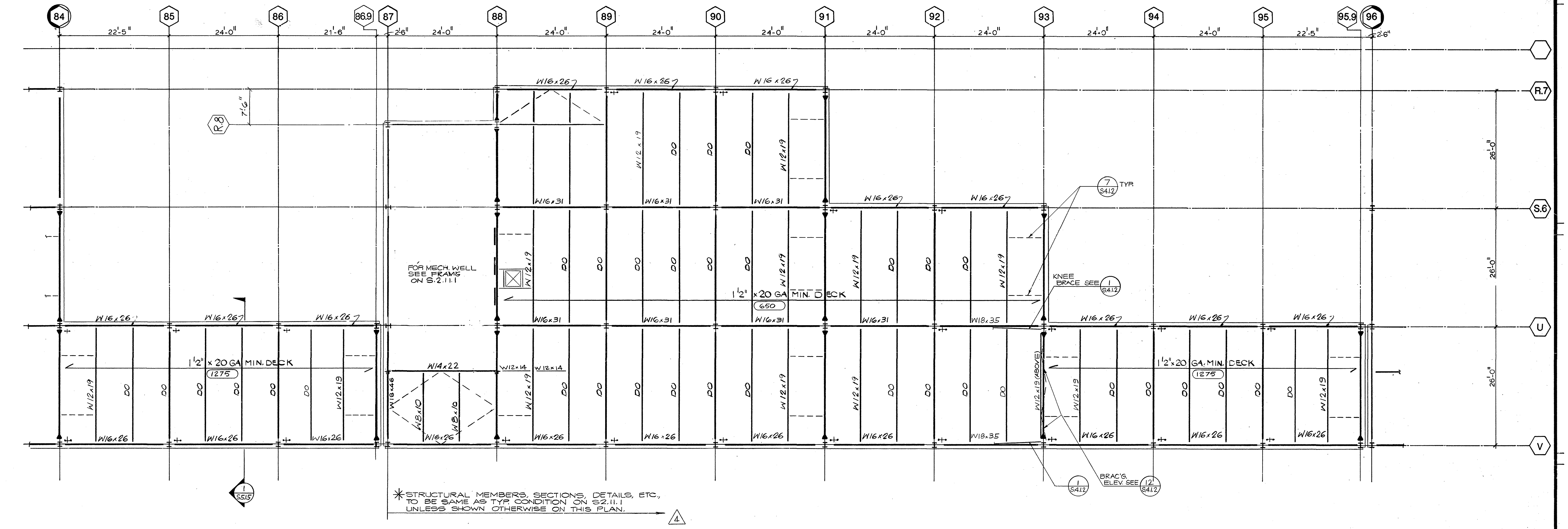
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title SOUTH CONCOURSE - ROOF FRAMING PLAN
Department of Airports Drawing No. 82001-600

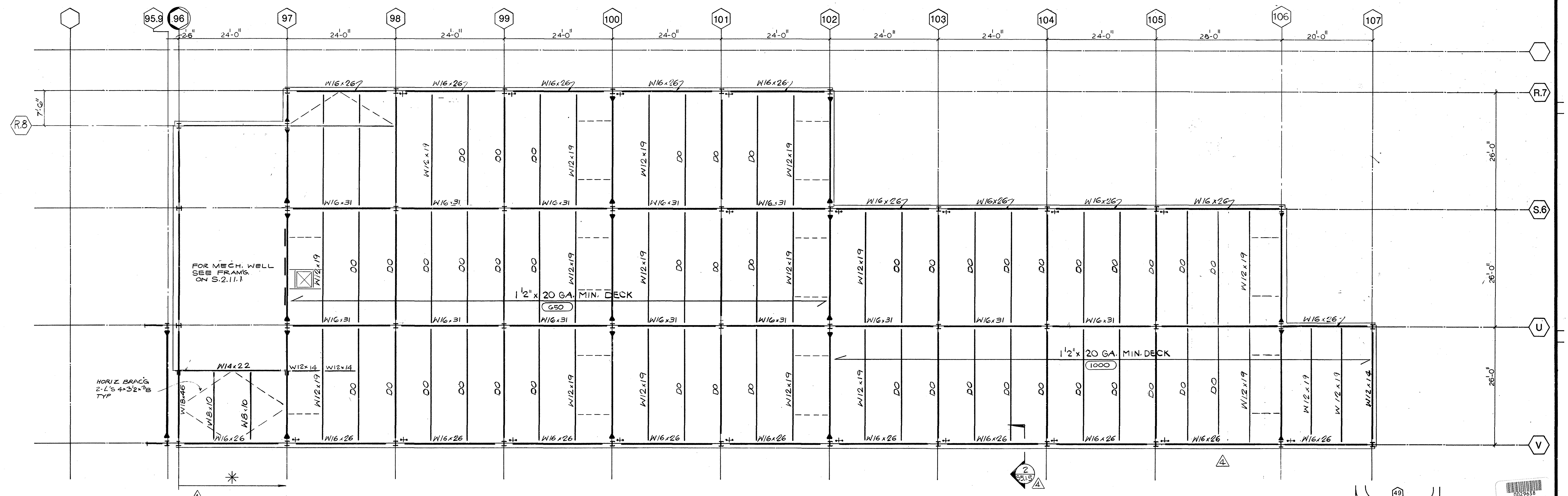
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S2.14.1
Sheet of Sheets

UPPER LEVEL 9



✳STRUCTURAL MEMBERS, SECTIONS, DETAILS, ETC., TO BE SAME AS TYP. CONDITION ON S2.11.1 UNLESS SHOWN OTHERWISE ON THIS PLAN. △4



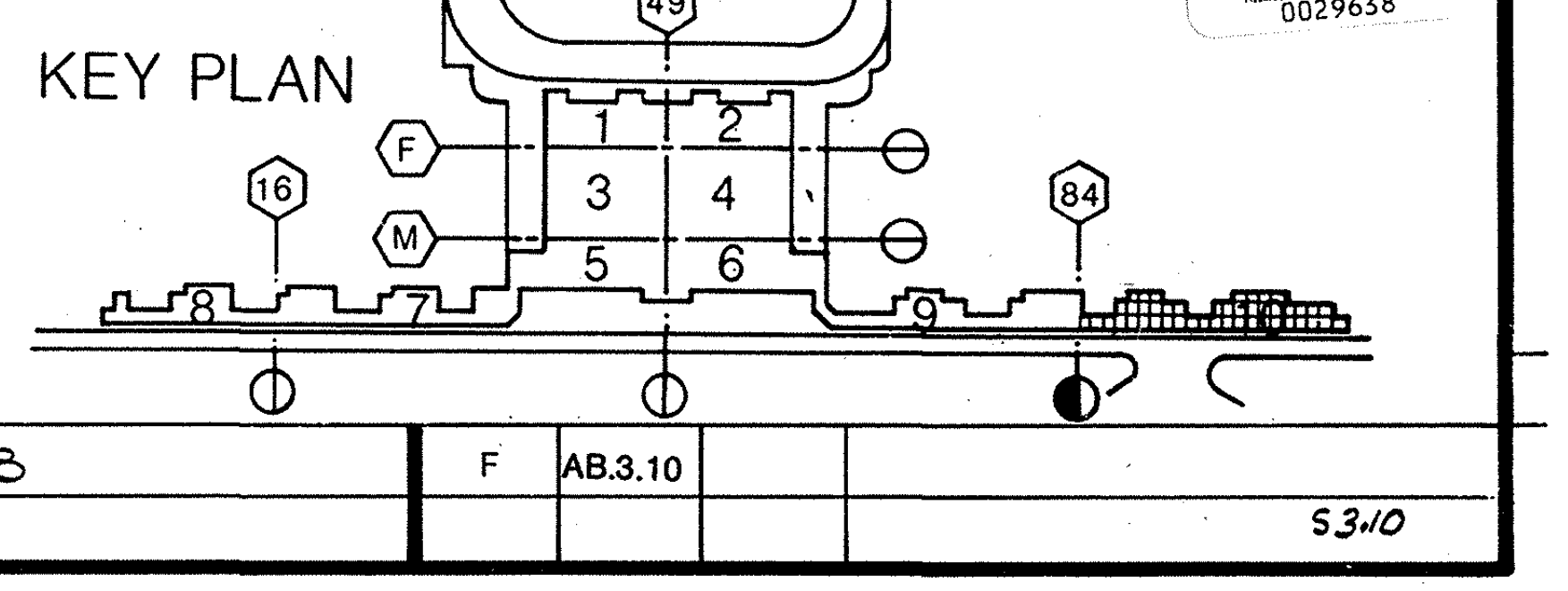
—+— DENOTES ADDED SHEAR PL'S AT COL. WEB. SEE S.4.1.1

⬭ — INDICATES REQUIRED DIAPHRAGM HORIZONTAL SHEAR CAPACITY (LBS/LF)

SCALE: FULL SIZE SET: 1/8"=1'-0"
SCALE: HALF SIZE SET: 1/16"=1'-0"

N

KEY PLAN



0029638

AS BUILT			
△4	8·30·82	GATE REVISIONS	
△B	3·19·82	ADDENDUM B	
F	AB.3.10		S3.10

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

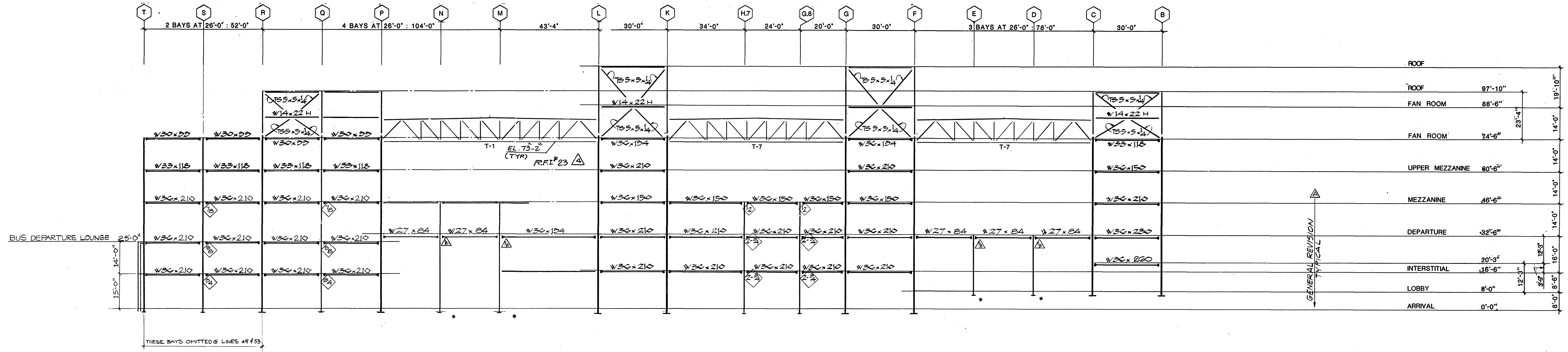
City of Los Angeles Department of Airports
Date FFB 3, 1982

West Terminal
Los Angeles International Airport

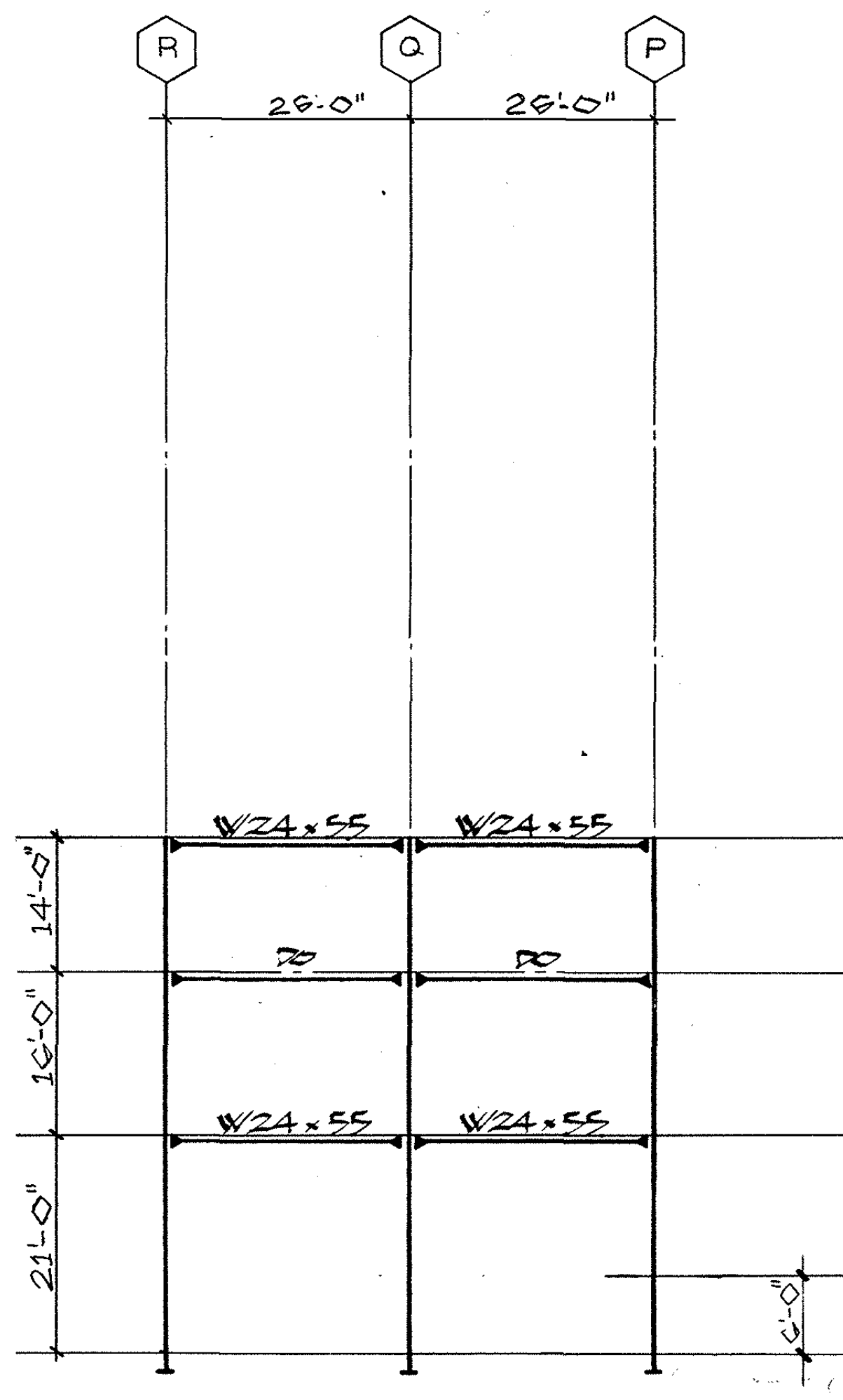
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: SOUTH CONCOURSE - ROOF FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By: DLD
Drawn By:
Chief Architect: JDW,BAS
PDSW Project No. 79000

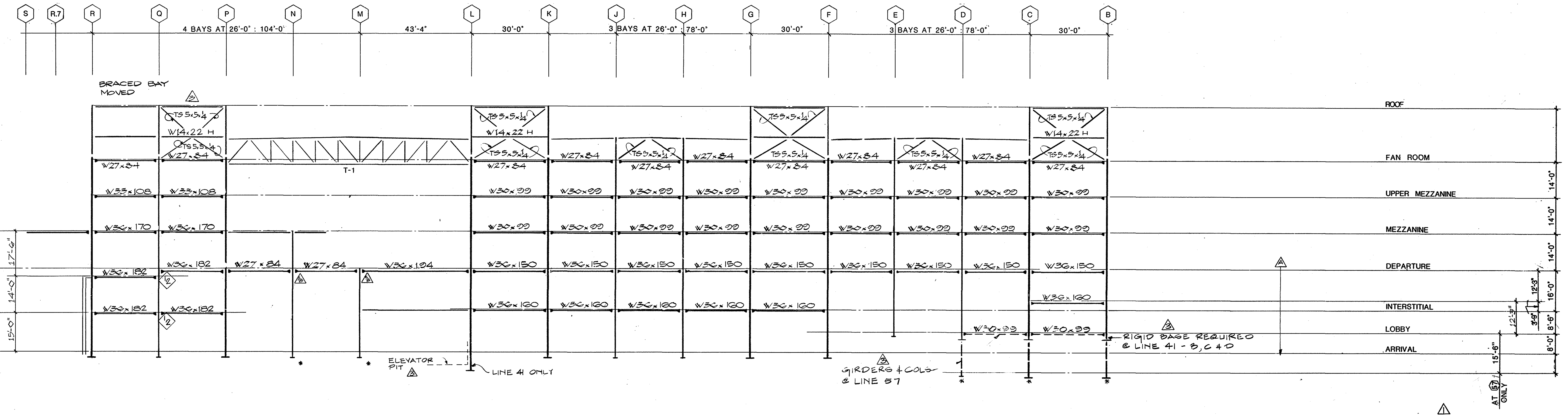
Drawing No. **S2.14.2**
Sheet of Sheets



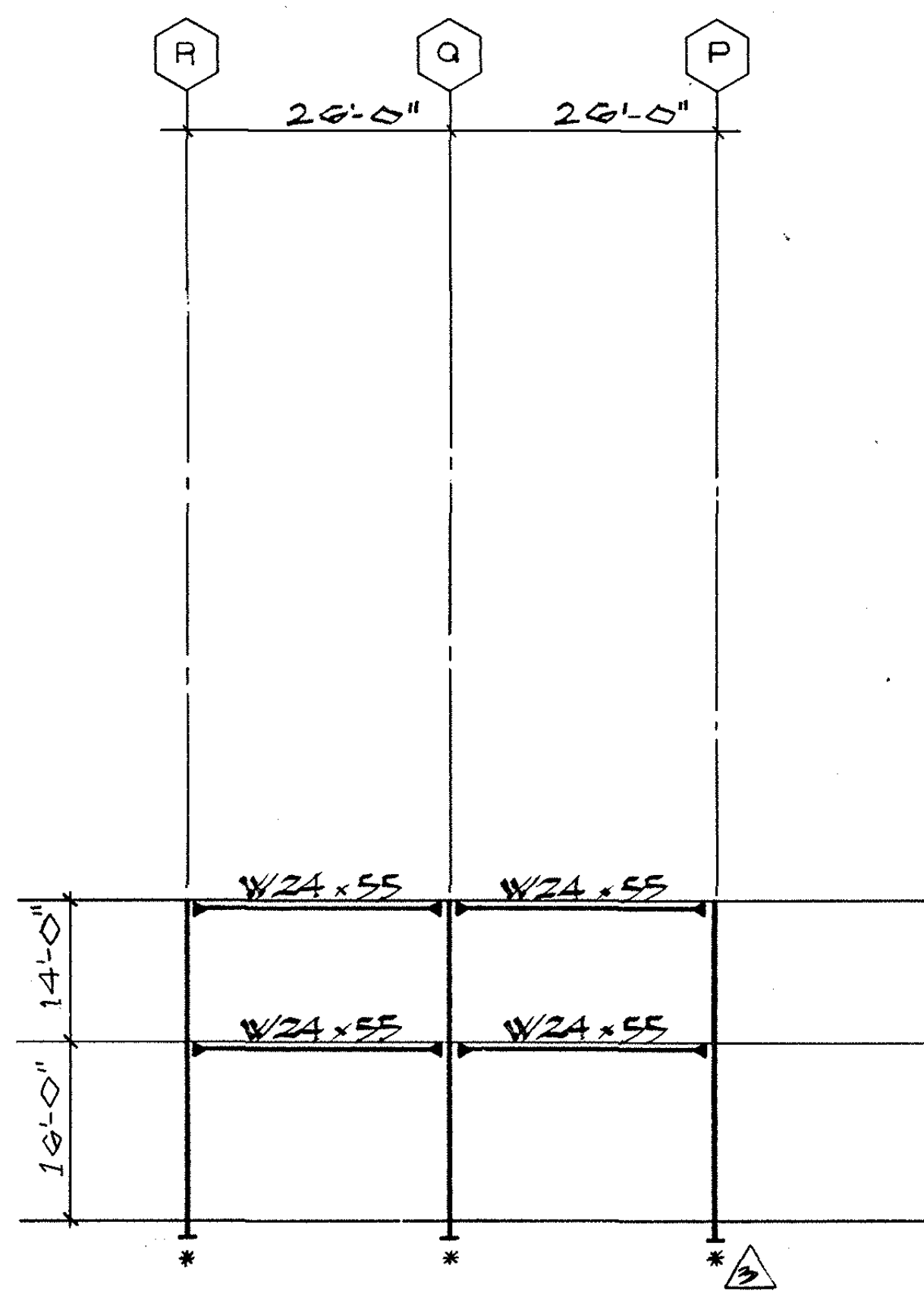
LINE 47 & 51 LINE 45 & 53 SIMILAR 1



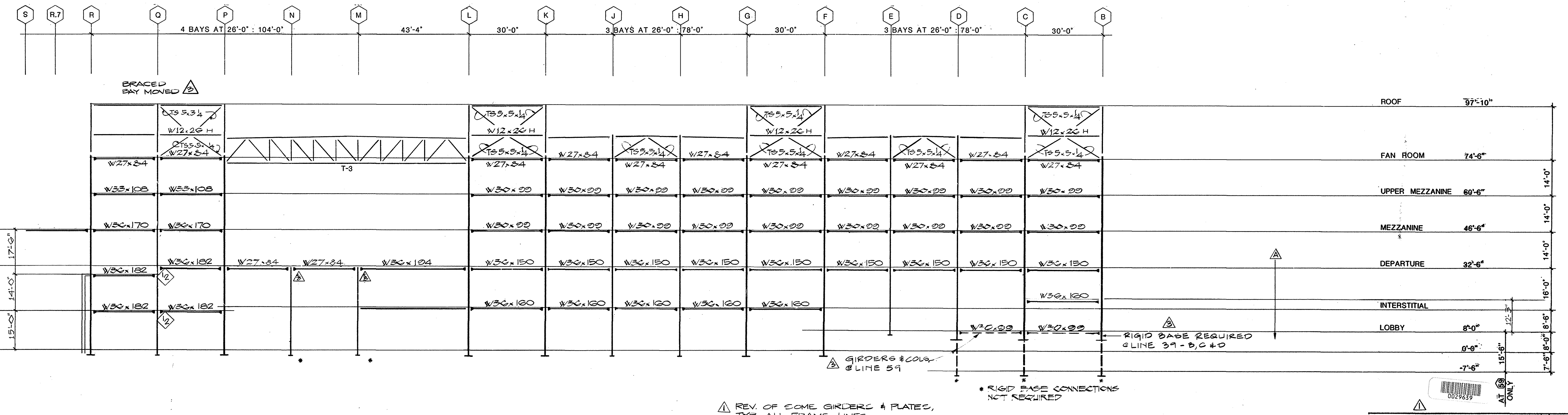
LINE 62



LINE 41 & 57 SIMILAR 2



LINE 36



⚠ REV. OF SOME GIRDERS & PLATES, TYP. ALL FRAME LINES

LINE 39 & 59 SIMILAR 3

AS BUILT

3	6-1-82		GENERAL COORDINATION	1	6-1-82	BLDG. DEPT. CORRECTIONS
4	8-84	E.A	R.F.I.# 23	A		ADDENDUM A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB. 3, 1982

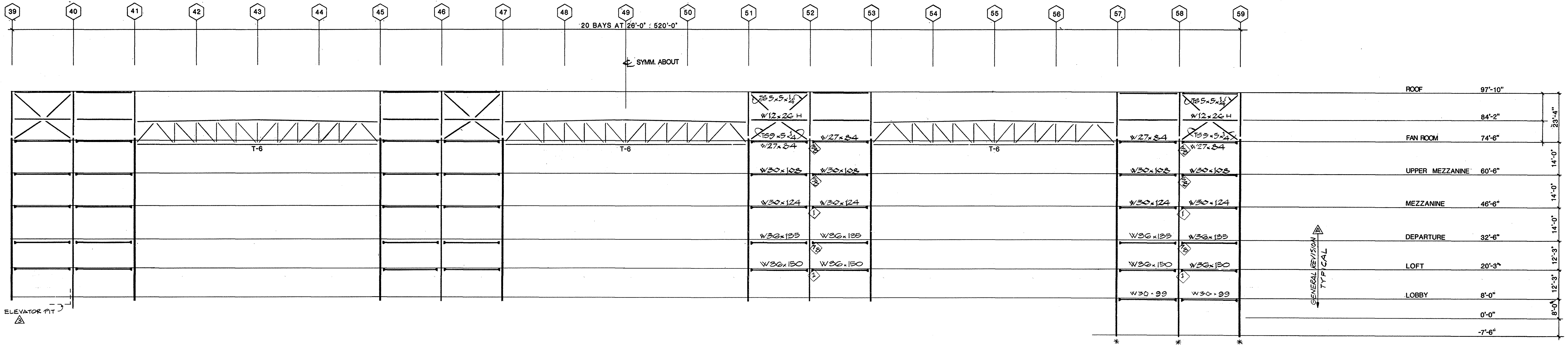
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: RIGID FRAME ELEVATIONS
Department of Airports Drawing No. 82001-600

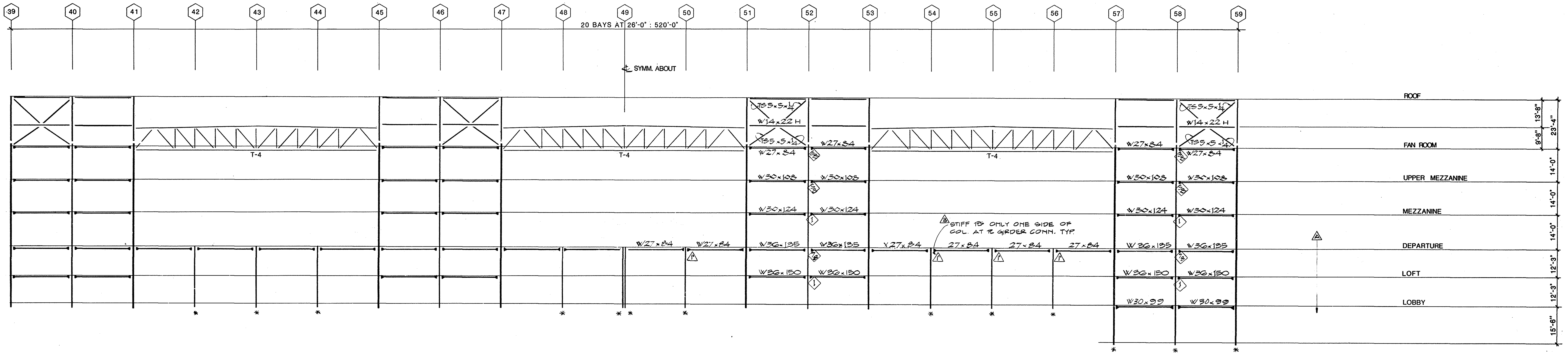
Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S3.1.1
Sheet of Sheets

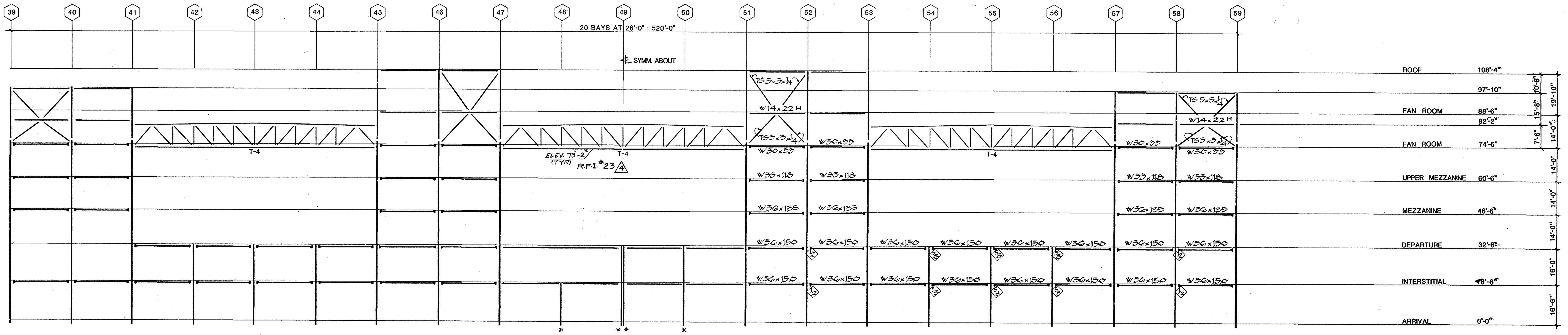
S3.1.1



⚠ LINE B 1



⚠ LINE C 2



⚠ REV. OF SOME GIRDERS & PLATES, TYP. ALL FRAME LINES

* RIGID BASE CONNECTION NOT REQUIRED

⚠ LINE G & K 3

AS BUILT

⚠3	6.1.82		GENERAL COORDINATION	⚠1	6.1.82	BLDG. DEPT CORRECTIONS
⚠4	8.84	E.F	R.F.I. #23	⚠A		ADDENDUM A

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira
Dworsky
Sinclair
Williams

5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles
Department of Airport
Date FEB. 3,1982

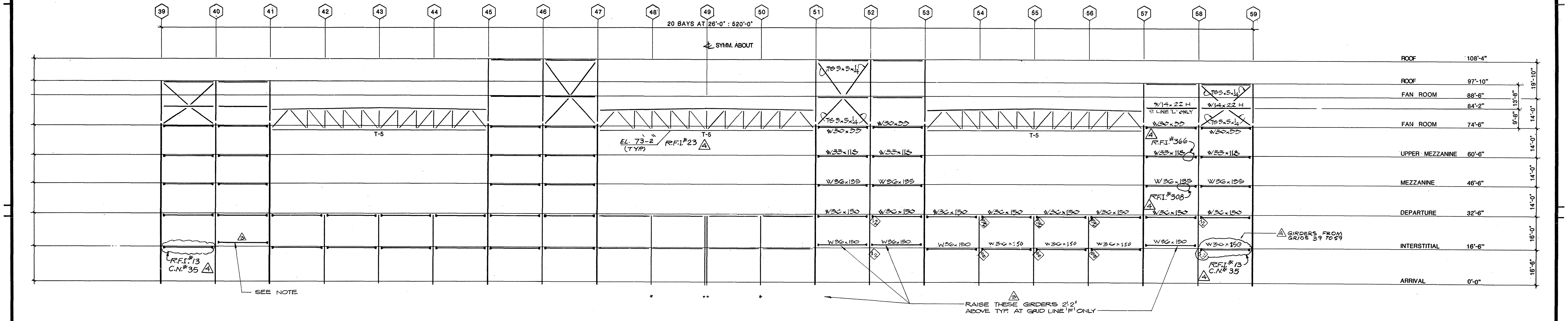
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title RIGID FRAME ELEVATIONS
Department of Airports Drawing No. 82001-600

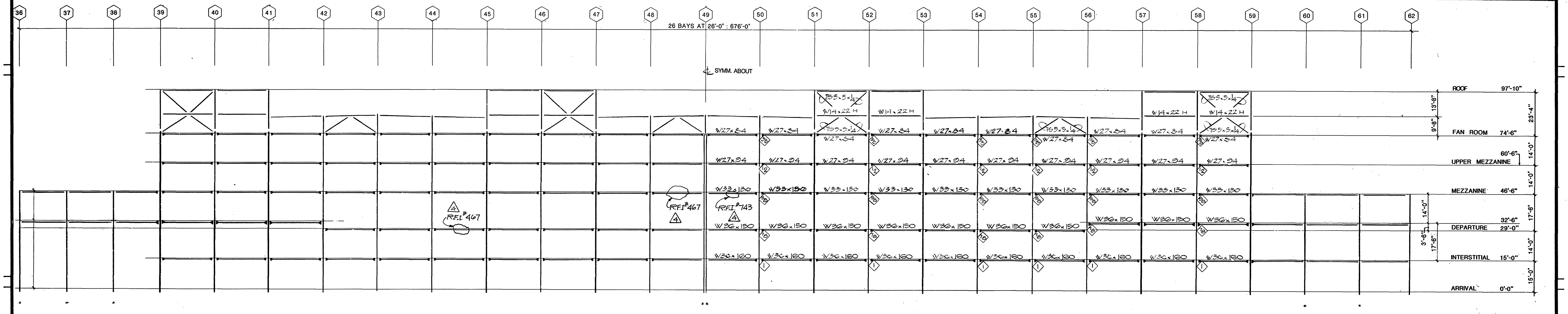
Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S3.1.2
Sheet of Sheets

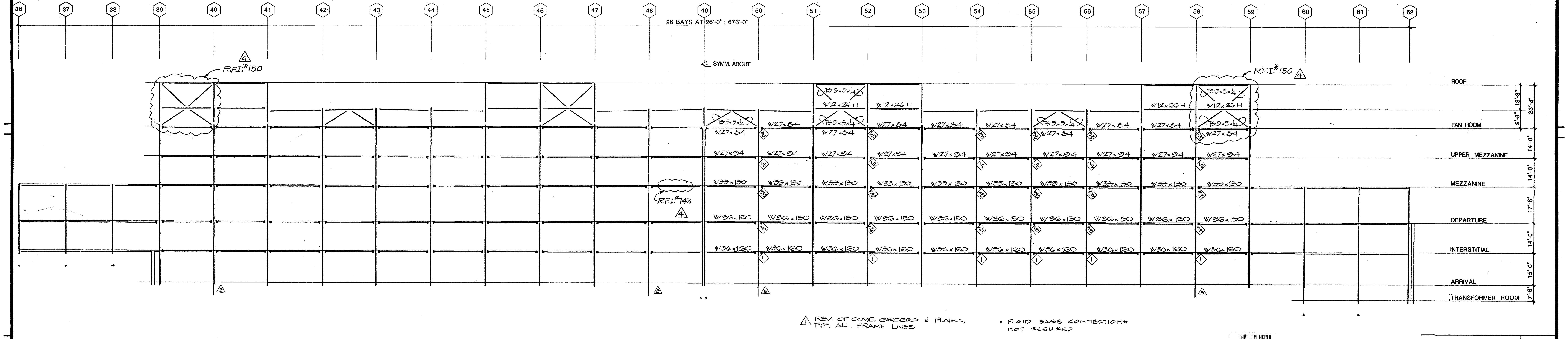
S.3.-1.2



LINE F & L | 1



LINE P | 2



△1 REV. OF SOME GIRDERS & PLATES, TYP. ALL FRAME LINES

* RIGID BASE CONNECTIONS NOT REQUIRED

LINE R | 3

AS BUILT

△4	8-84	E.F	R.F.I. #13, 23, 366, 308, 467, 743, 150. C.N. #35, 189.	△1	BLDG. DEPT. CORRECTIONS
△3			GENERAL COORDINATION	△2	ADDENDUM A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

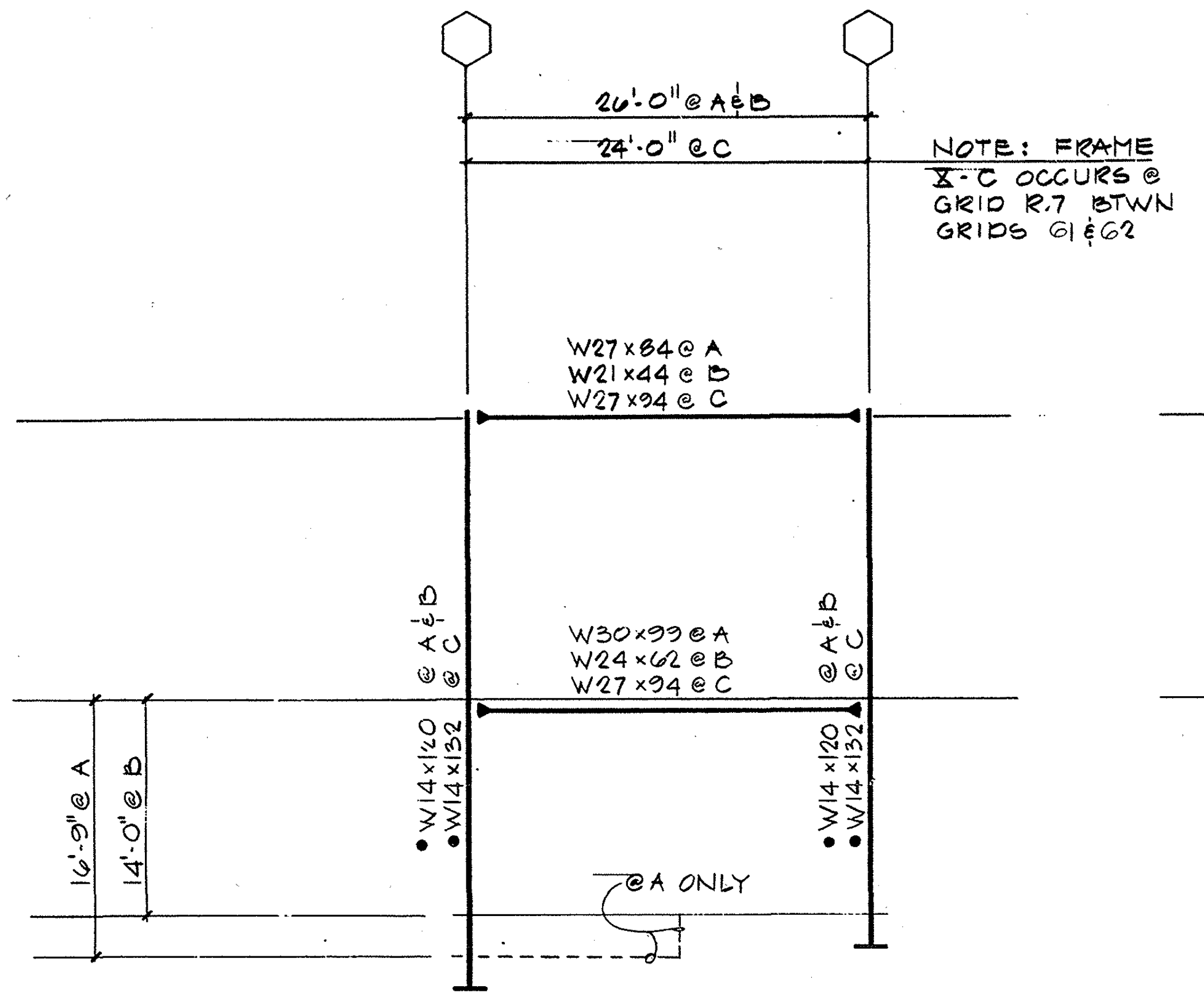
Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB. 3, 1982

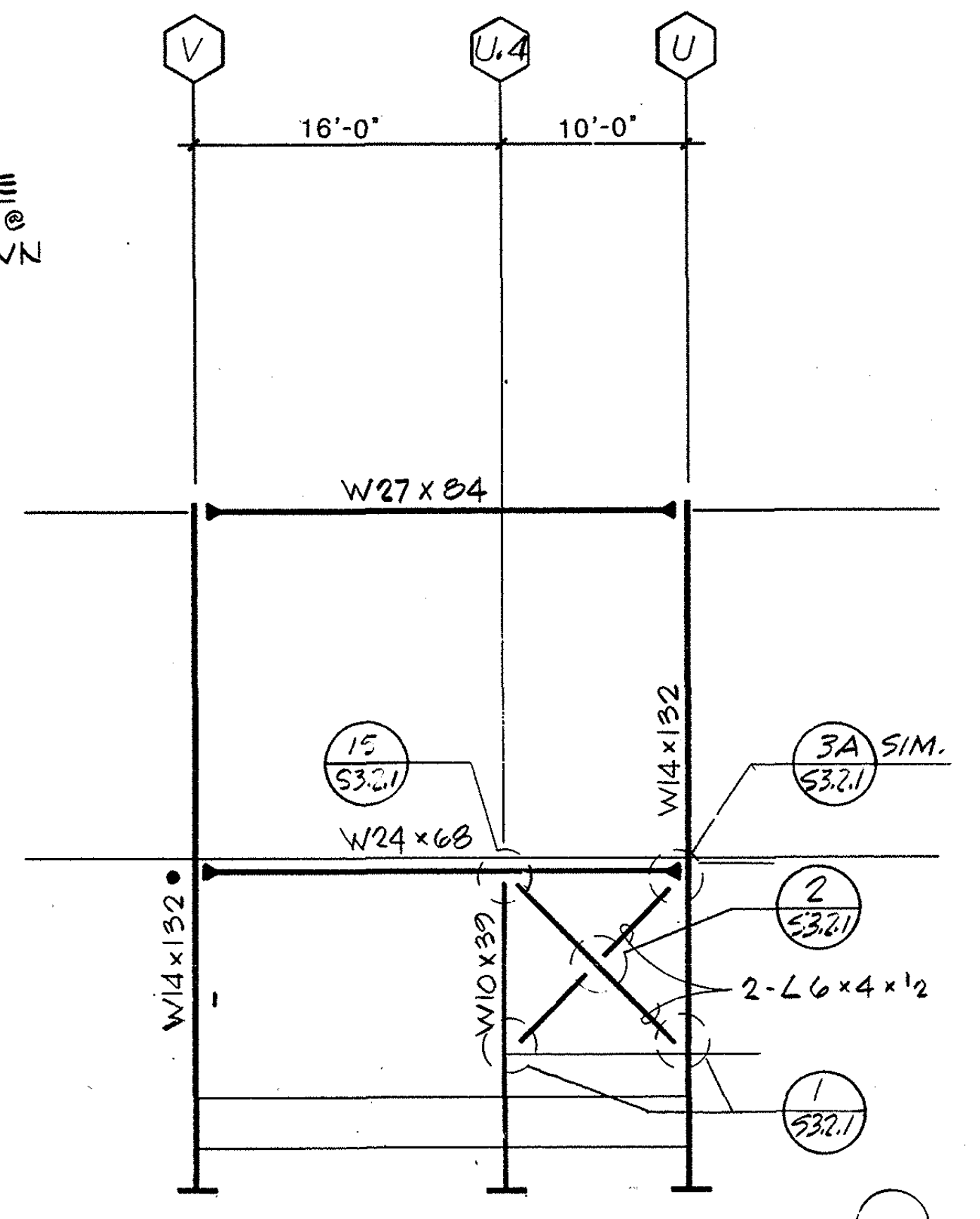
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: RIGID FRAME ELEVATIONS
Department of Airports Drawing No. 82001-600
Designed by T.C.
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. S3.1.3
Sheet of Sheets

S3.1.3

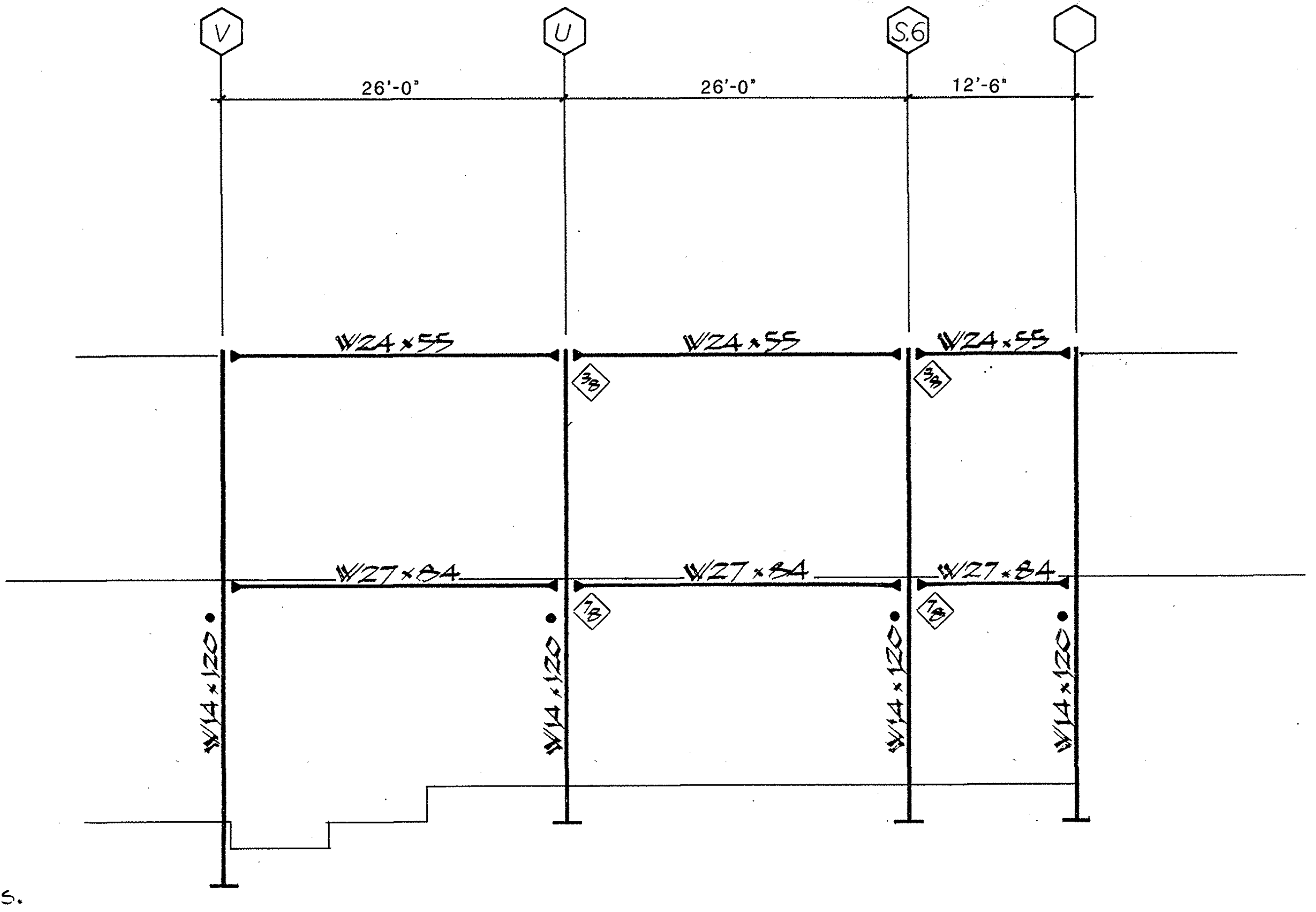


TYPE X

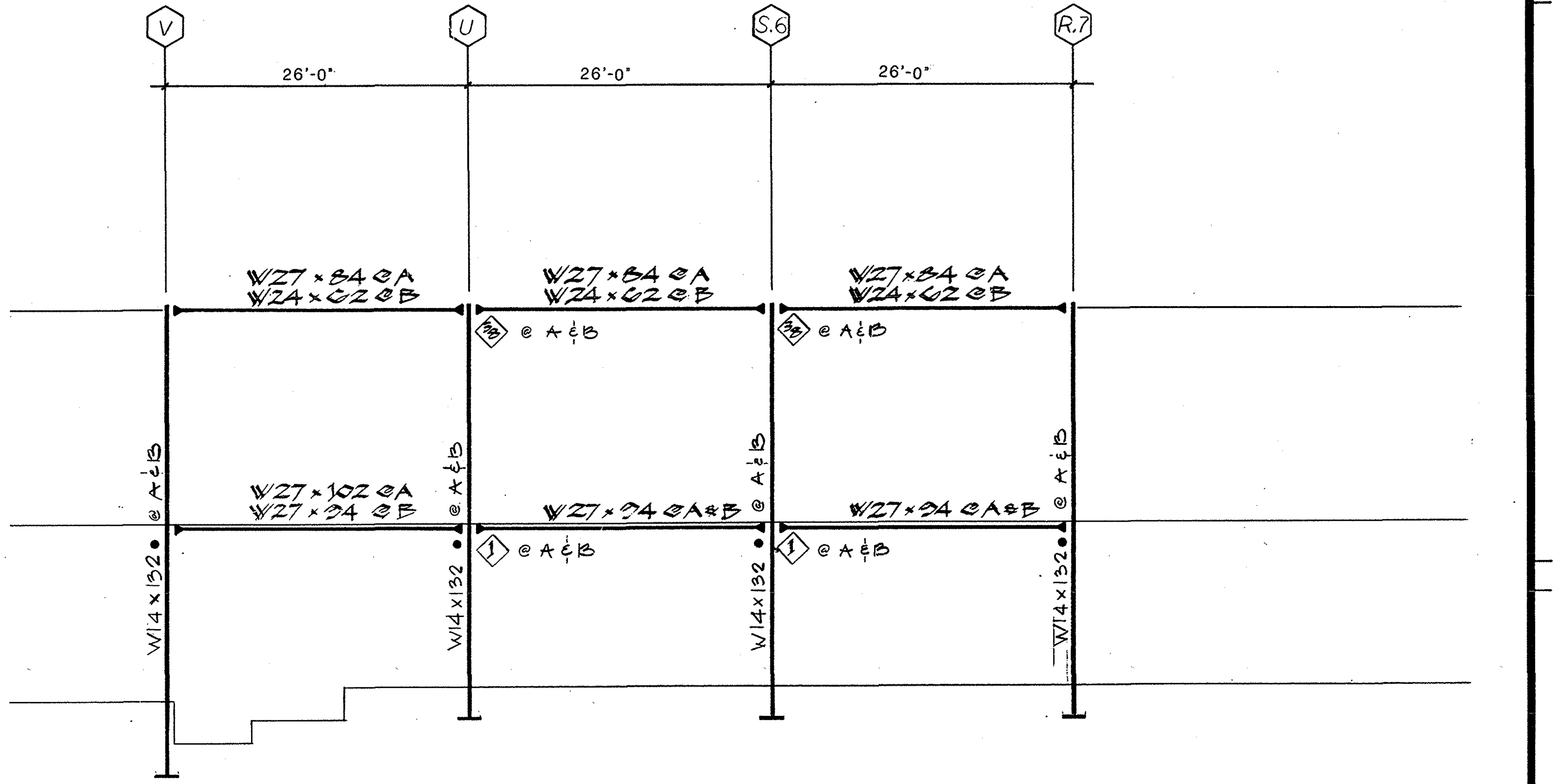


TYPE IX

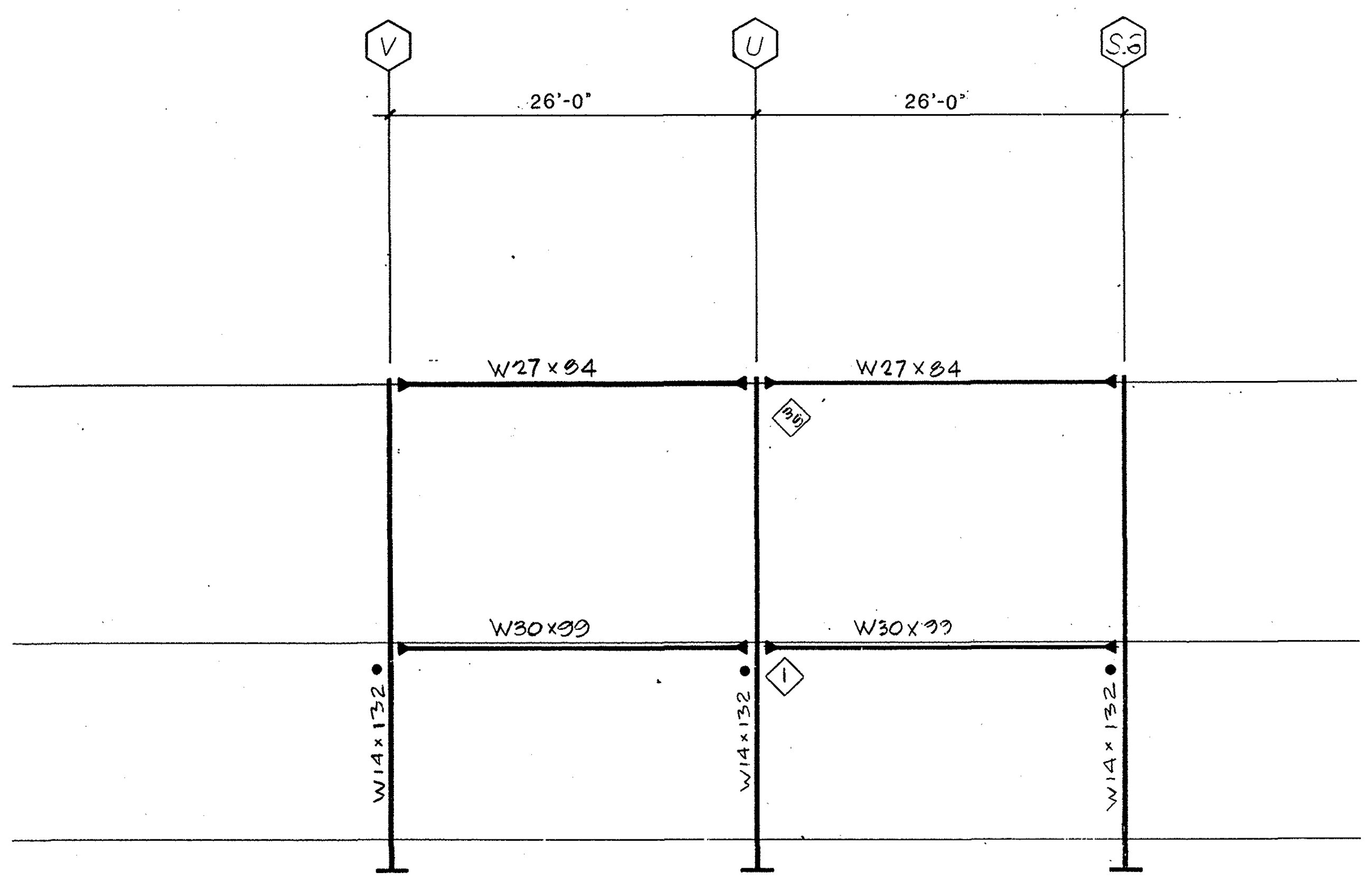
NOTE: SEE SECTION ⊖ FOR FRAME BASE DETAILS. MOMENT CONN'S ARE NOT REQ'D @ BASE OF THIS FRAME.



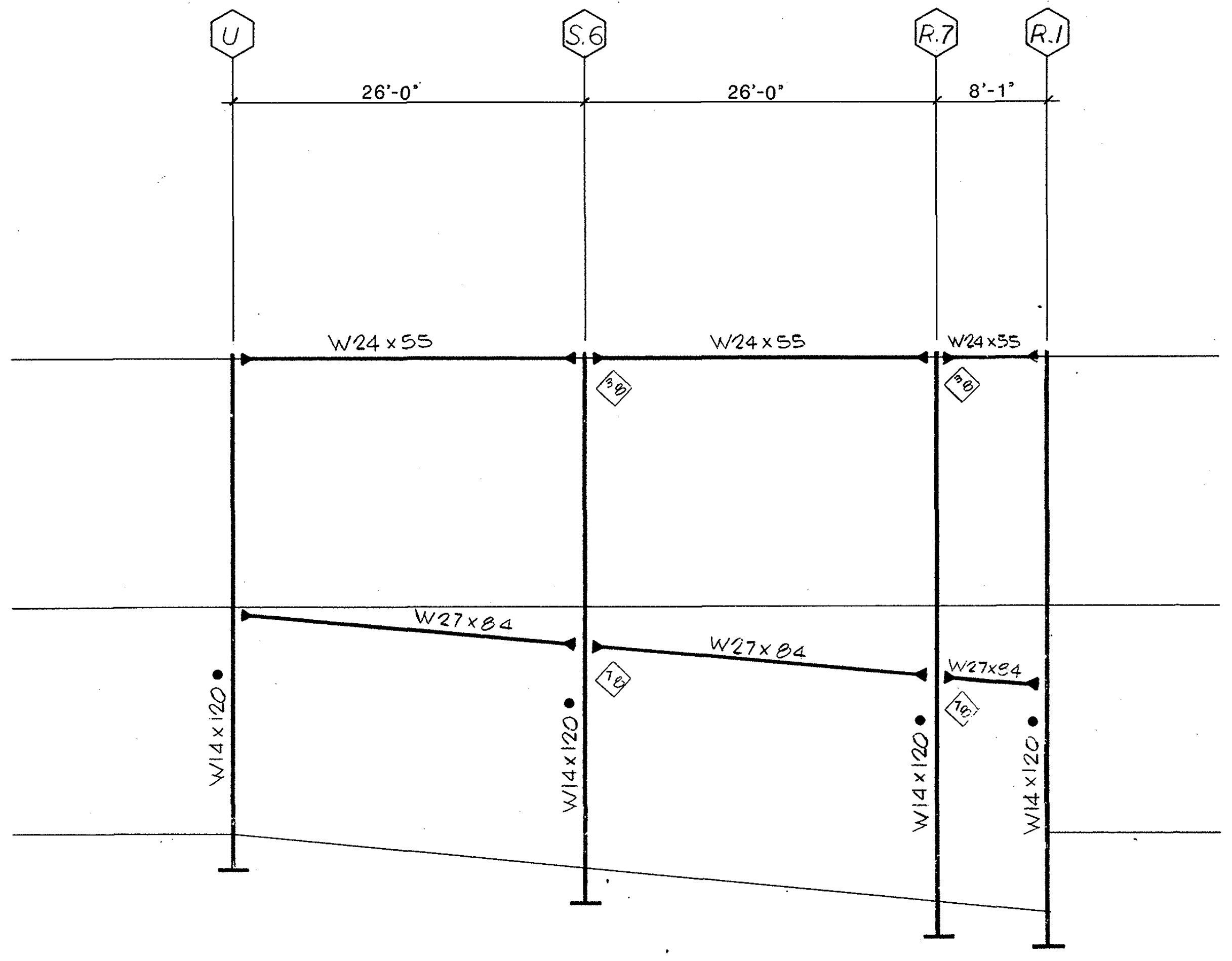
TYPE VI



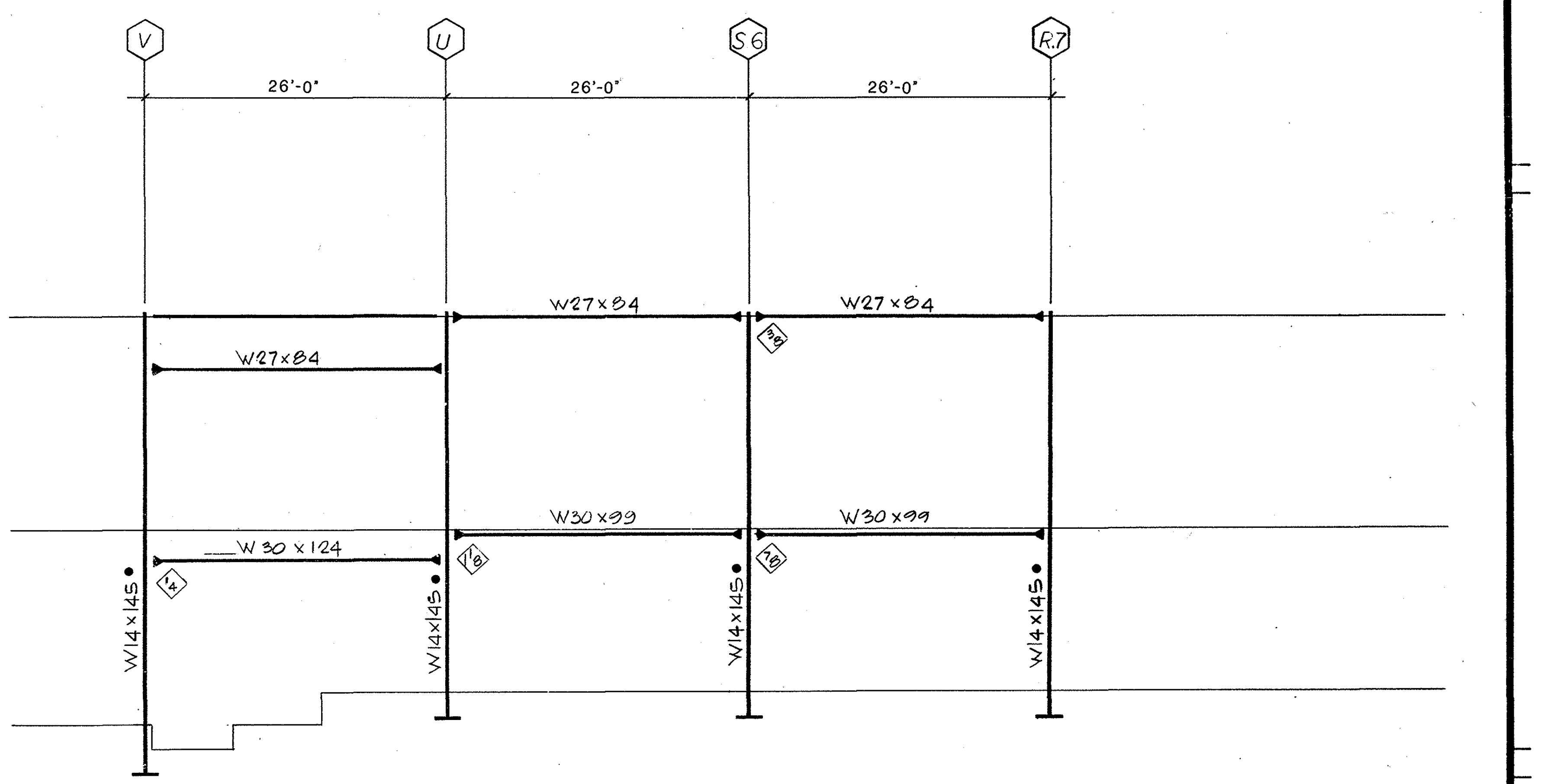
TYPE III



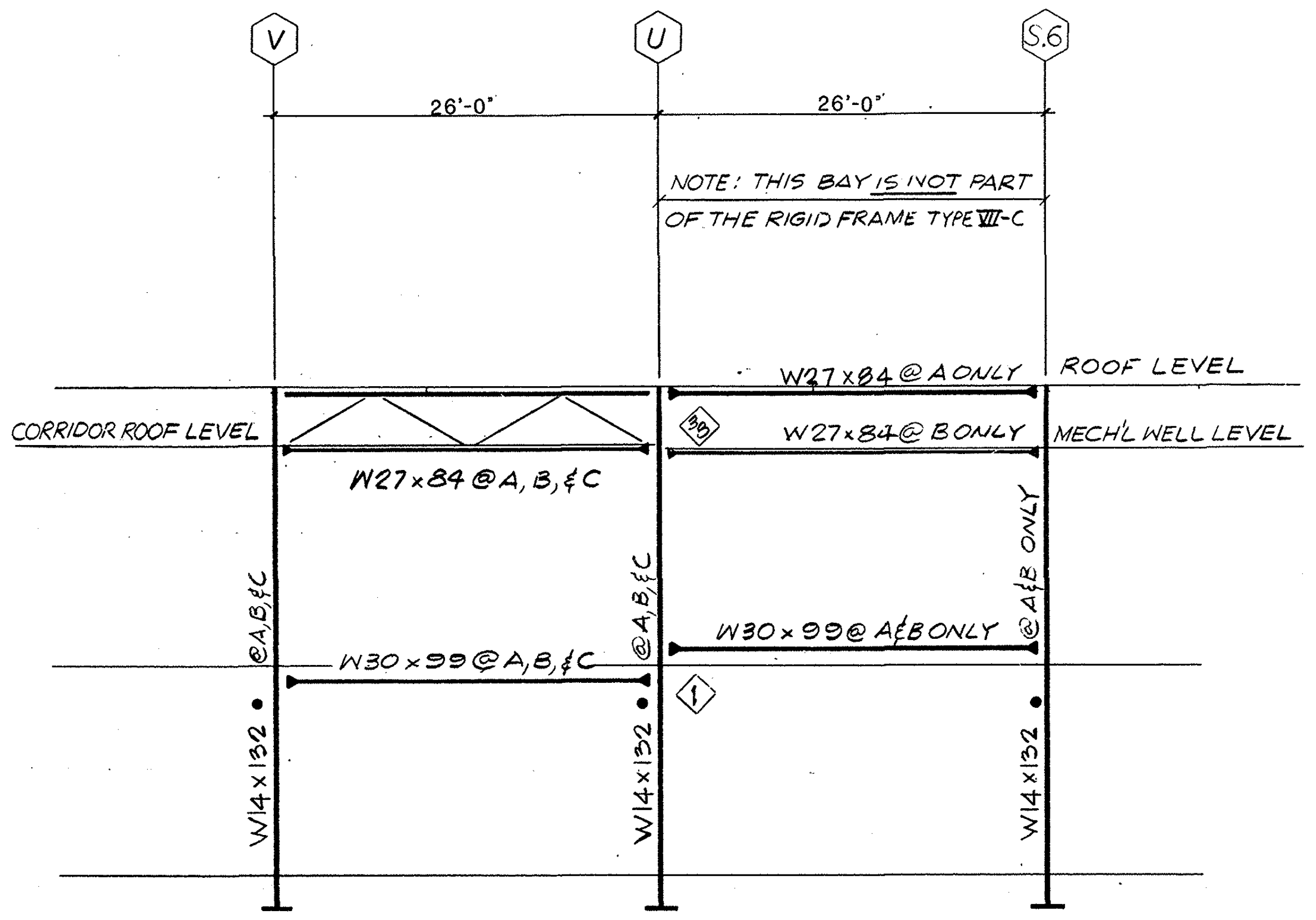
TYPE IIIV



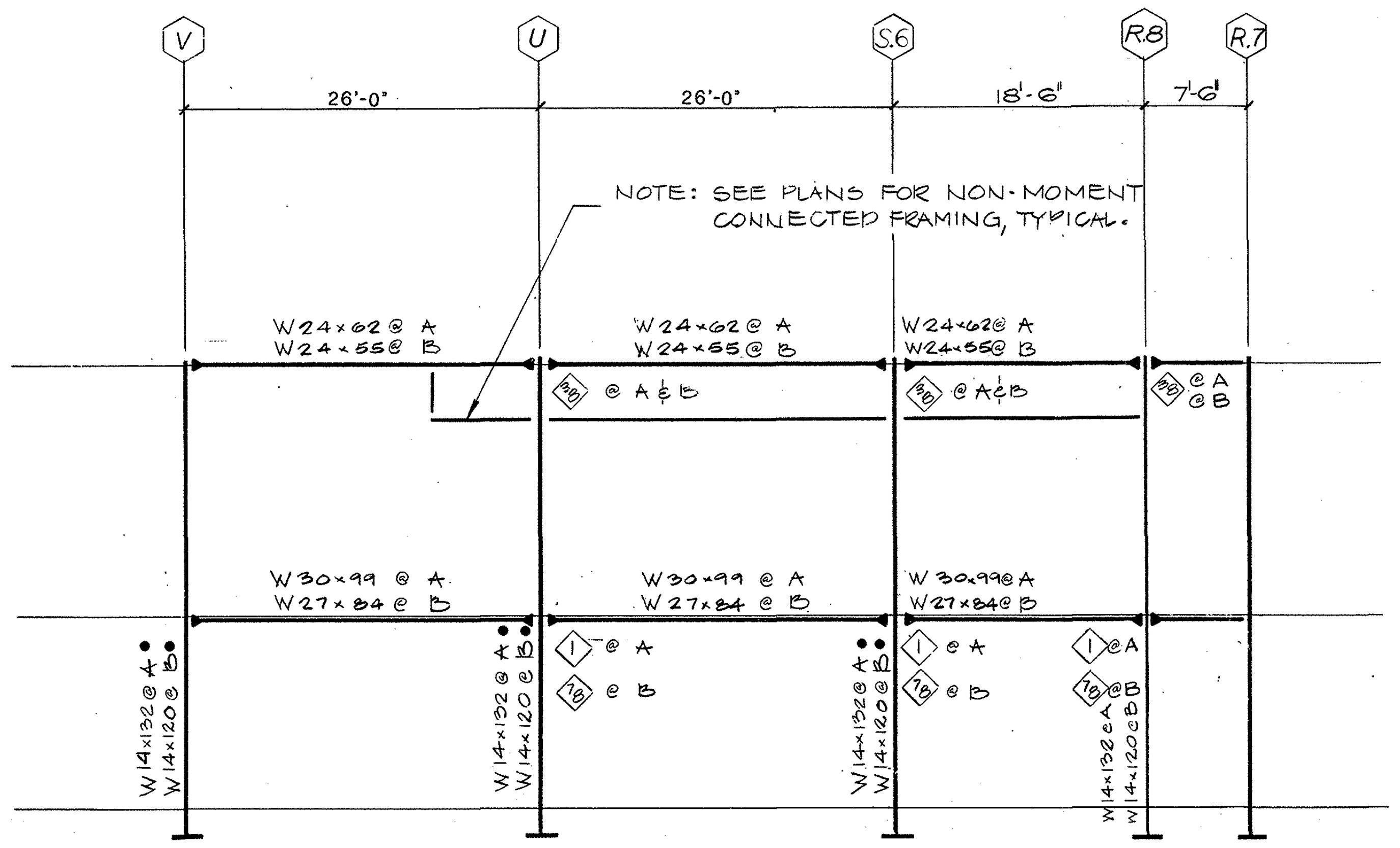
TYPE V



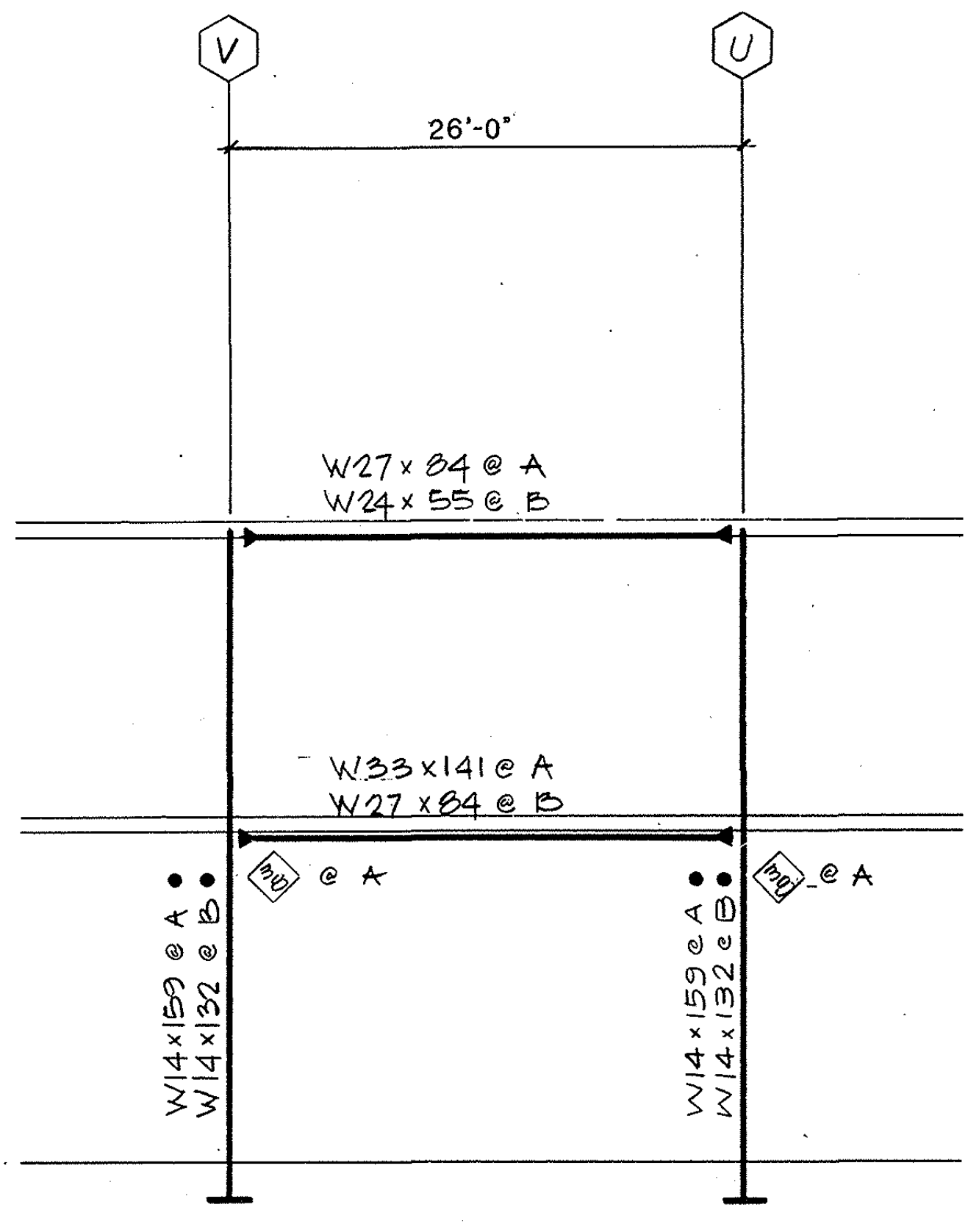
TYPE II



TYPE VII



TYPE IV △4



TYPE I

NOTE:
• INDICATES 50KSI STEEL

FRAME SCHEDULE		
GRID LINE	TYPE	REMARKS
1	X-B	
3	VI	
6.9	X-A	
8	IV-A	
12	II	
15.9	I-B	
17	IV-A	
20	III-A	
21	VII-C	BTWN GRID LINES V & U
24.9	I-B	
26	IV-A	
30	II	
32.9	I-B	
34	IV-B	
37	V	
R.7	X-C	BTWN GRIDLINES 61 & 62
63	IX	
67.9	I-A	
69	IV-B	
72	III-A	
74	VII-A	
77.9	I-B	
79	IV-B	
82	III-A	
84	VII-B	
86.9	I-B	
88	IV-B	
91	III-A	
93	VII-A	
95.9	I-B	
97	IV-B	
100	III-B	
102	III-B	
106	VIII	

0029642

AS BUILT

△4 8.30.82 GATE REVISION

△B 3.19.82 ADDENDUM B

F

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

**Pereira
Dworsky
Sinclair
Williams**

5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

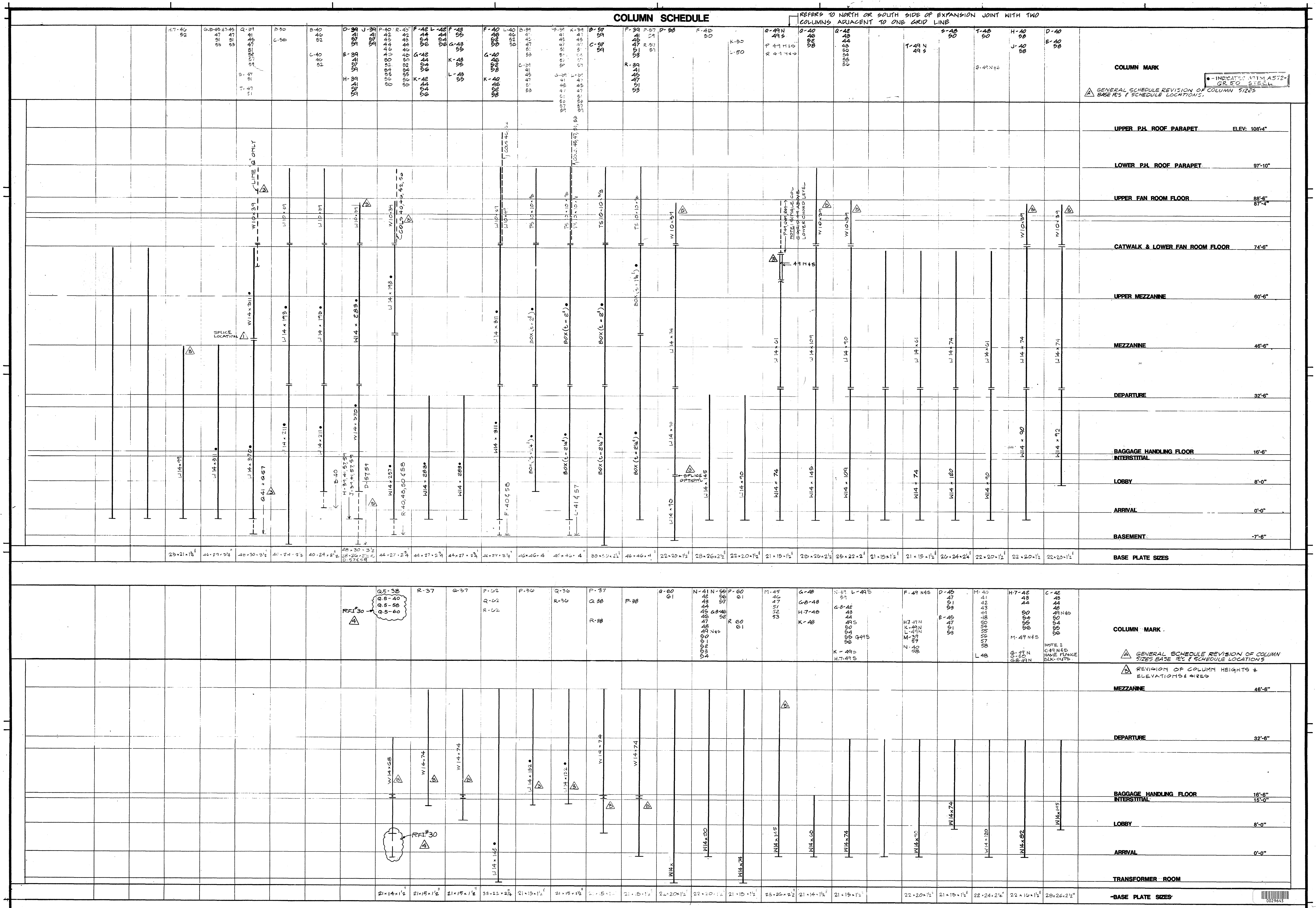
City of Los Angeles
Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title CONCOURSE FRAME ELEVATIONS
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S3.1.4
Sheet of Sheets


COLUMN SCHEDULE
REFERS TO NORTH OR SOUTH SIDE OF EXPANSION JOINT WITH TWO COLUMNS ADJACENT TO ONE GRID LINE
COLUMN MARK
● - INDICATES ASTM A572-GR 50 STEEL
A GENERAL SCHEDULE REVISION OF COLUMN SIZES BASE PL'S & SCHEDULE LOCATIONS.
UPPER P.H. ROOF PARAPET ELEV: 108'-4"
LOWER P.H. ROOF PARAPET 97'-10"
UPPER FAN ROOM FLOOR 88'-6" 87'-4"
CATWALK & LOWER FAN ROOM FLOOR 74'-6"
UPPER MEZZANINE 60'-6"
MEZZANINE 46'-6"
DEPARTURE 32'-6"
BAGGAGE HANDLING FLOOR 16'-6"
INTERSTITIAL
LOBBY 8'-0"
ARRIVAL 0'-0"
BASEMENT -7'-6"
BASE PLATE SIZES
SPLICE LOCATION
SPLICE OPTIONAL
COLUMN MARK
A GENERAL SCHEDULE REVISION OF COLUMN SIZES BASE PL'S & SCHEDULE LOCATIONS
B REVISION OF COLUMN HEIGHTS & ELEVATIONS & SIZES
MEZZANINE 46'-6"
DEPARTURE 32'-6"
BAGGAGE HANDLING FLOOR 16'-6"
INTERSTITIAL 15'-0"
LOBBY 8'-0"
ARRIVAL 0'-0"
TRANSFORMER ROOM
BASE PLATE SIZES
RFI #30

AS BUILT

4	8-84	E.F. R.F.I. #30.
1	5-1-84	BLD'G DEPT. CORRECTION
2	5-1-84	GENERAL COORDINATION
B	3-17-82	ADDENDUM B
A	3-8-82	ADDENDUM A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airport
Date FEB. 3, 1982

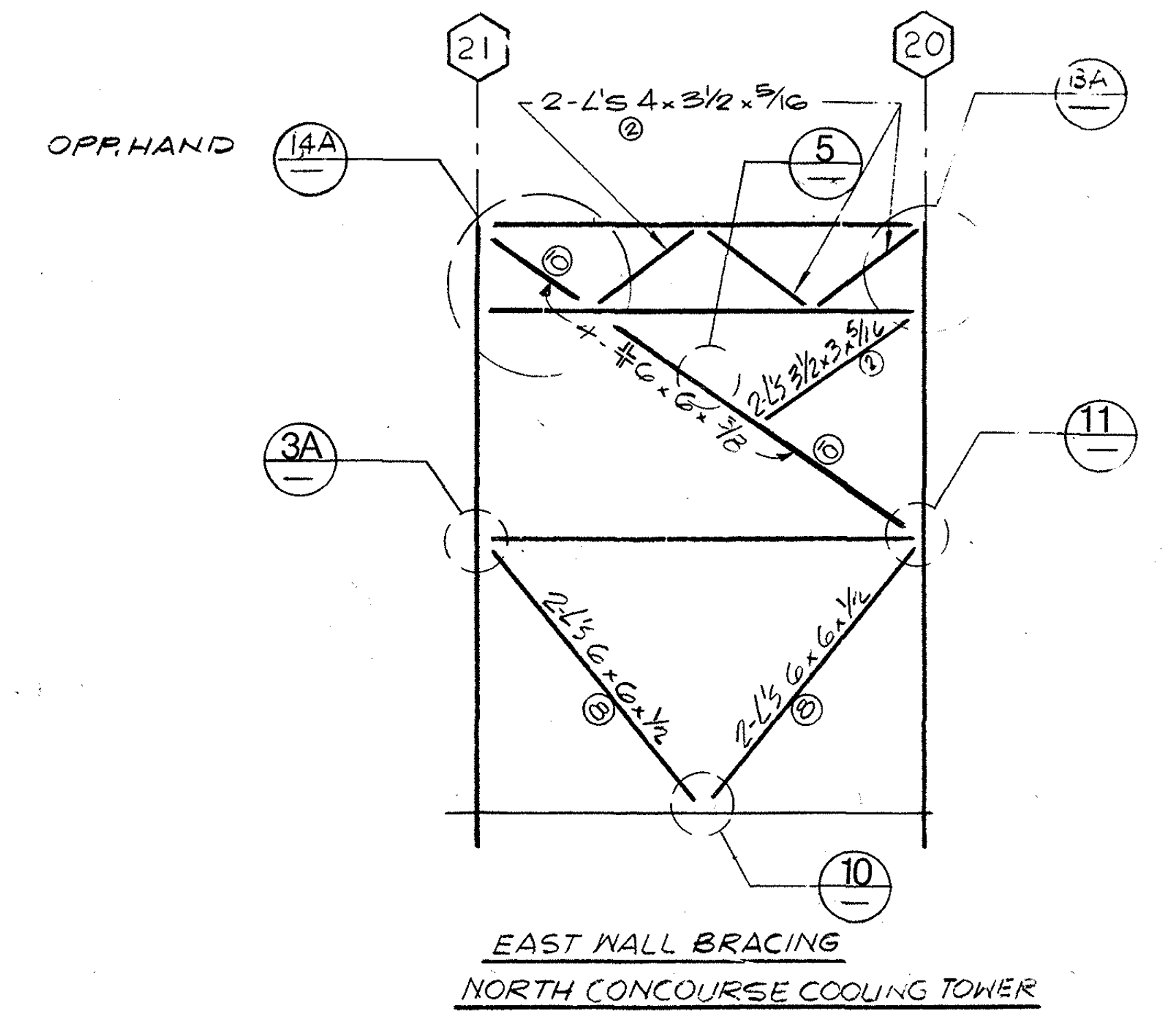
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: COLUMN SCHEDULE
Department of Airports Drawing No. 82001-600

Designed by TC
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000
Drawing No. S3.1.5
Sheet of Sheets

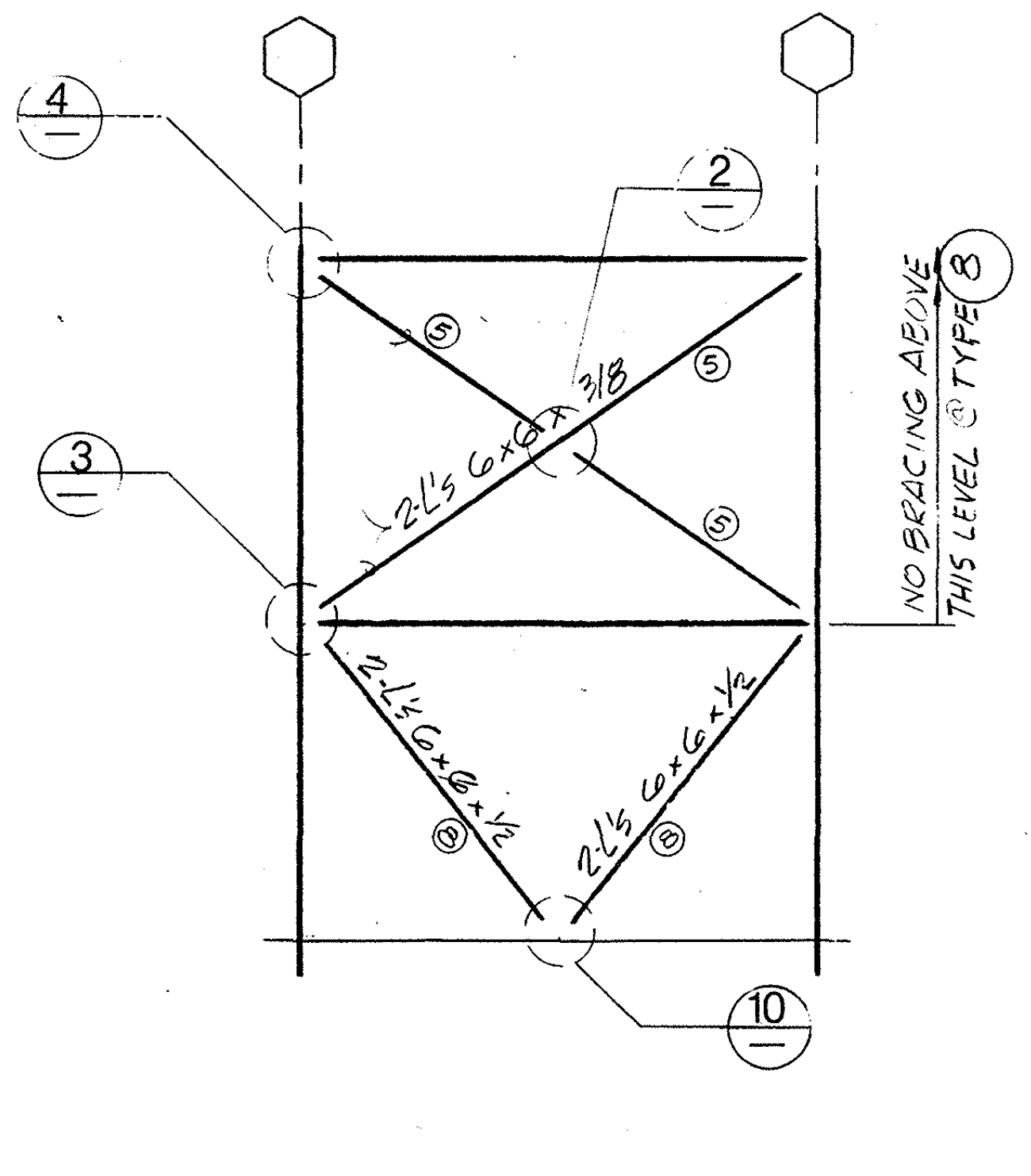
0029643

NOTE:
BRACE TYPES ARE EXTERIOR ELEVATIONS.
(TAKEN FROM OUTSIDE LOOKING IN.)

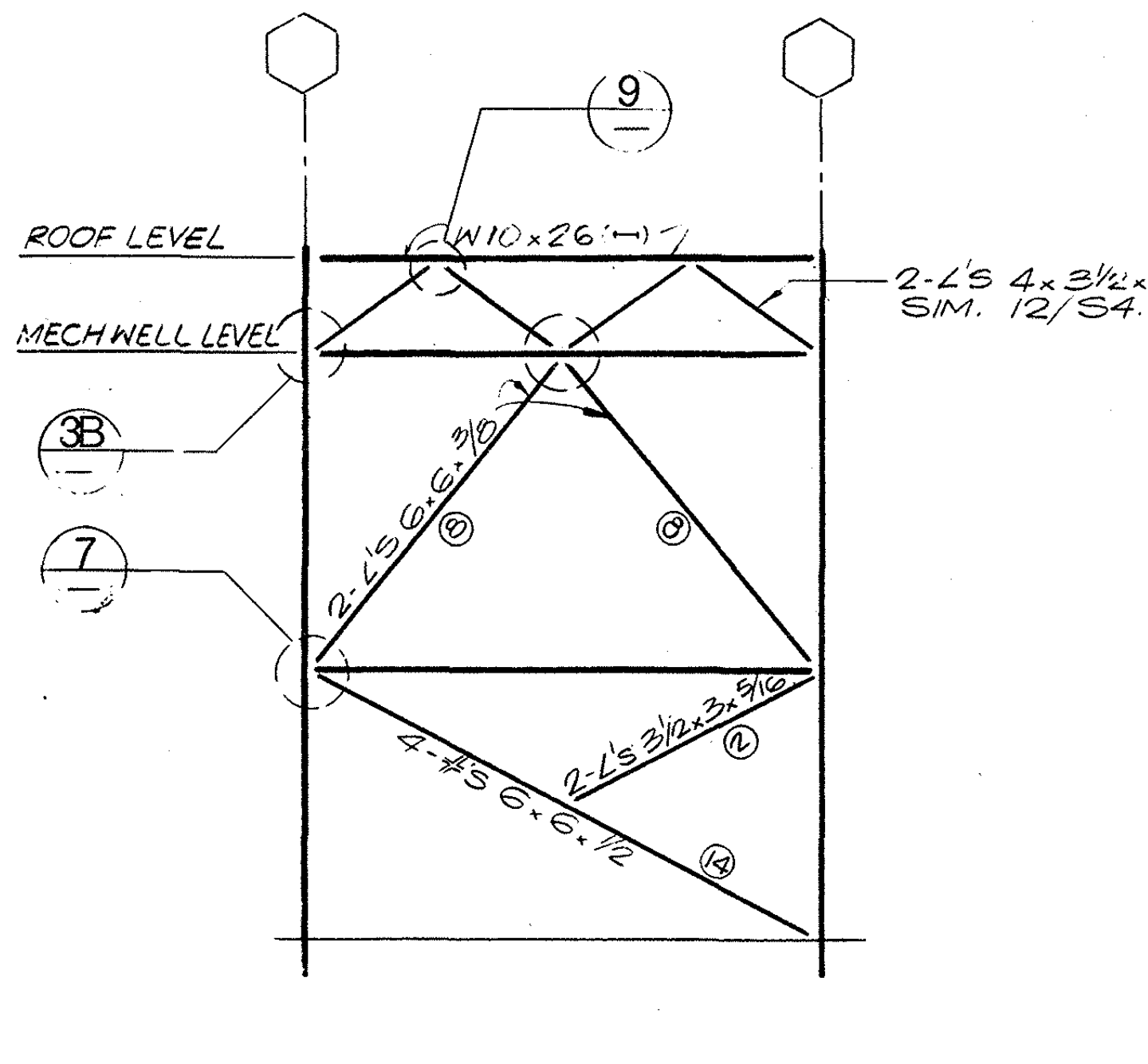


EAST WALL BRACING
NORTH CONCOURSE COOLING TOWER

TYPE ⑨ △4 BOLTING & MEMBERS

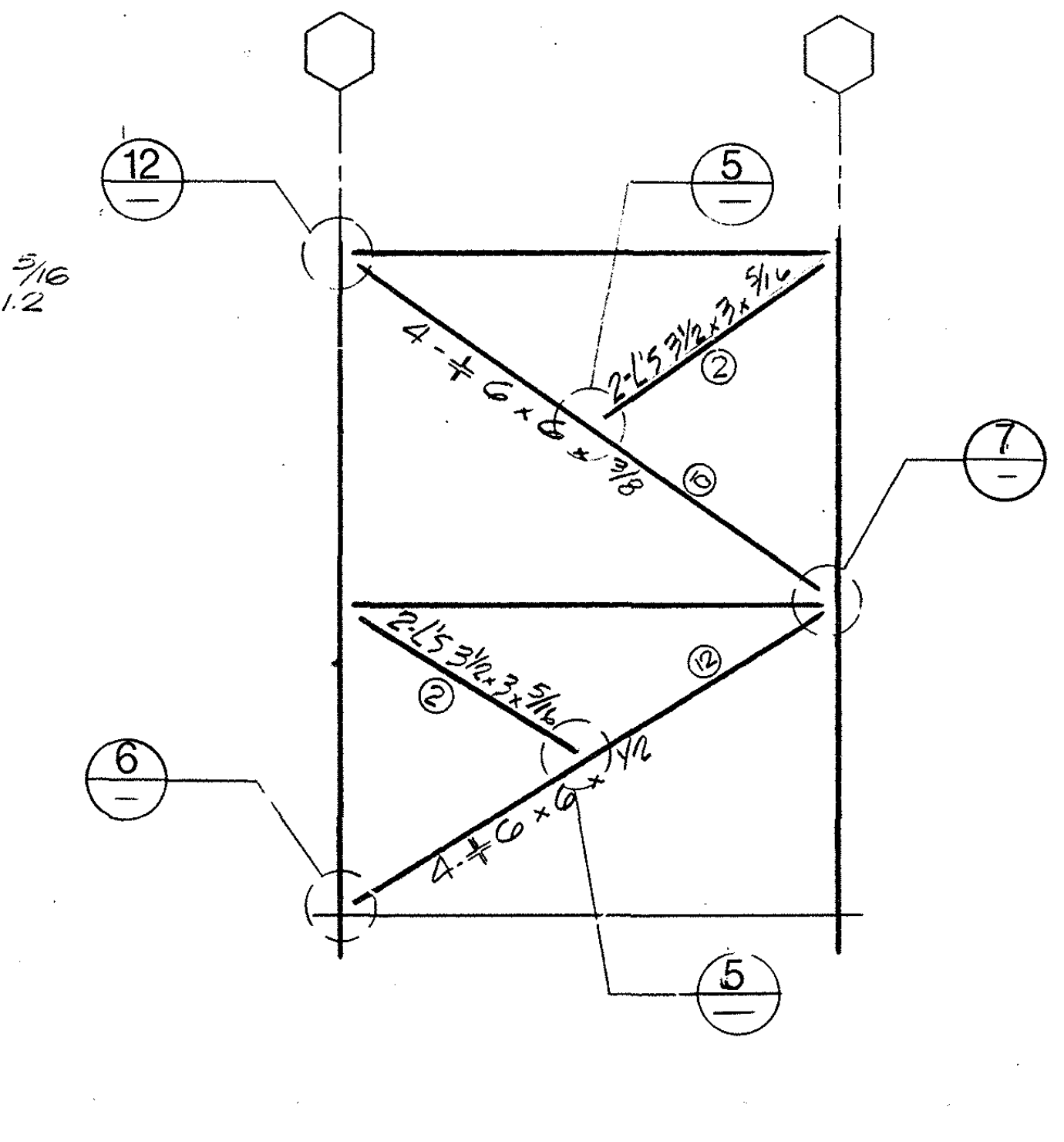


TYPE ⑦ ⑧ △4 BOLTING

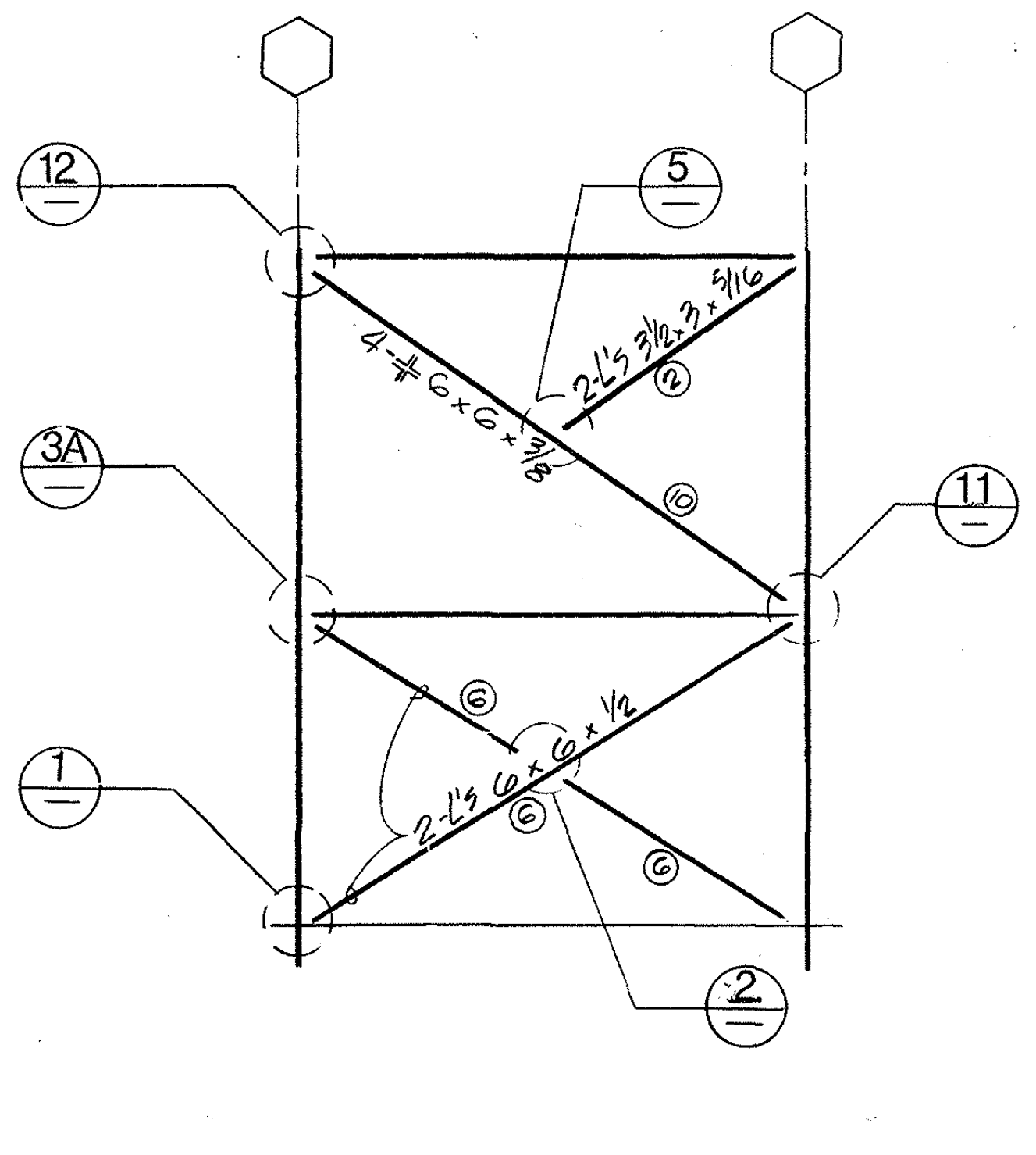


EAST WALL BRACING FOR
MECHANICAL WELL

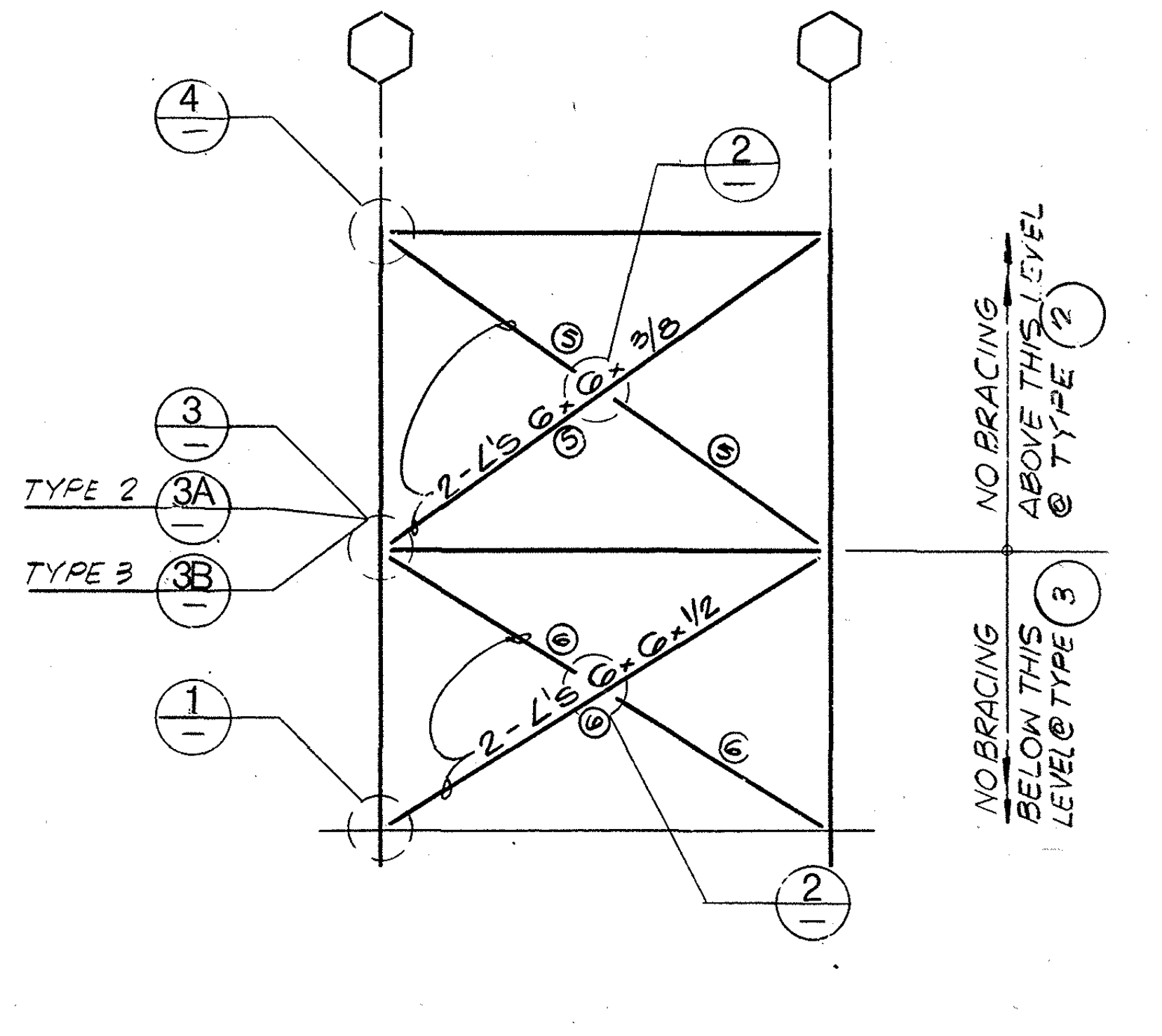
TYPE ⑥ △4 REVISED MEMBERS



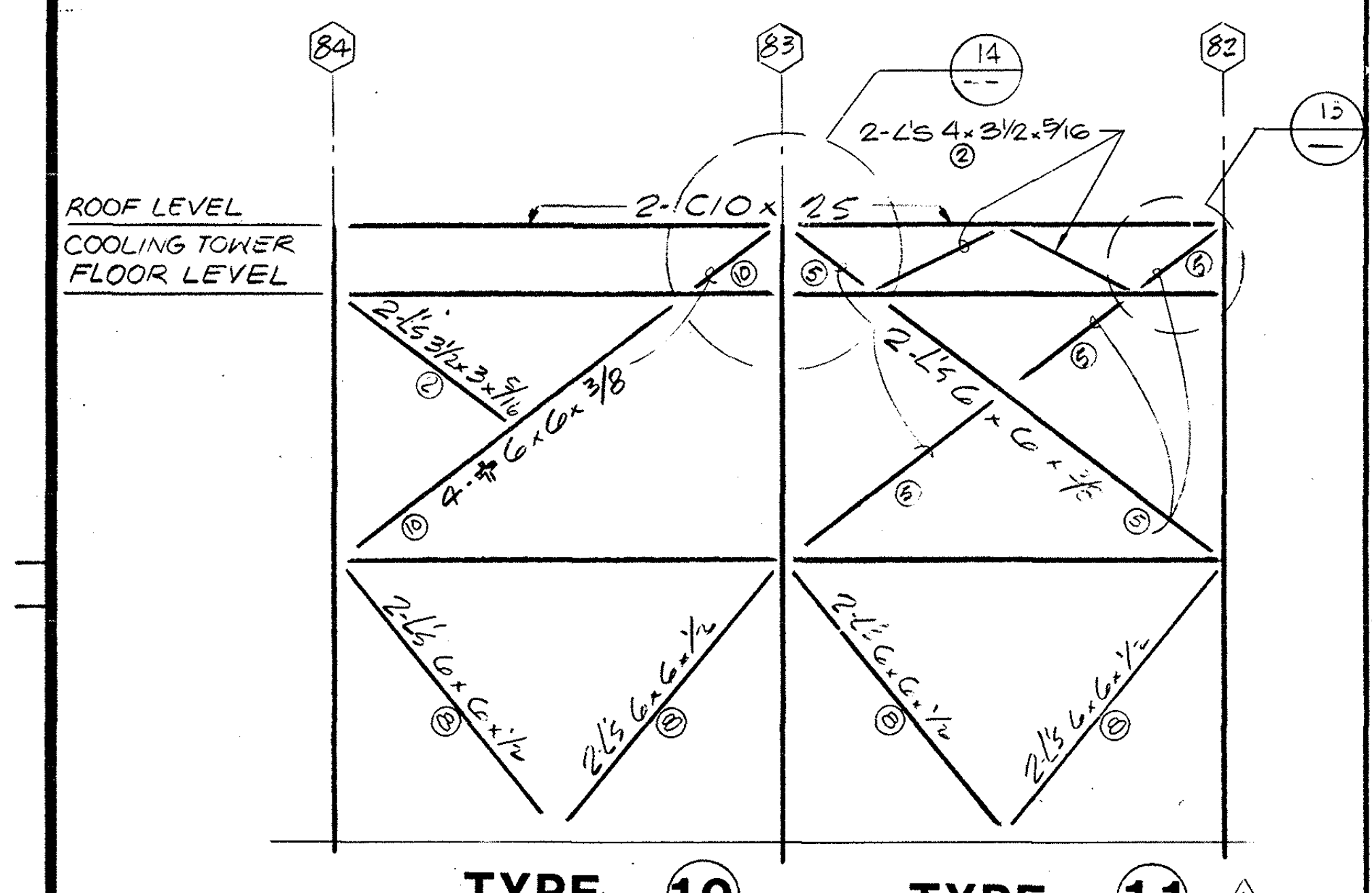
TYPE ⑤ △4 BOLTING



TYPE ④ △4 BOLTING

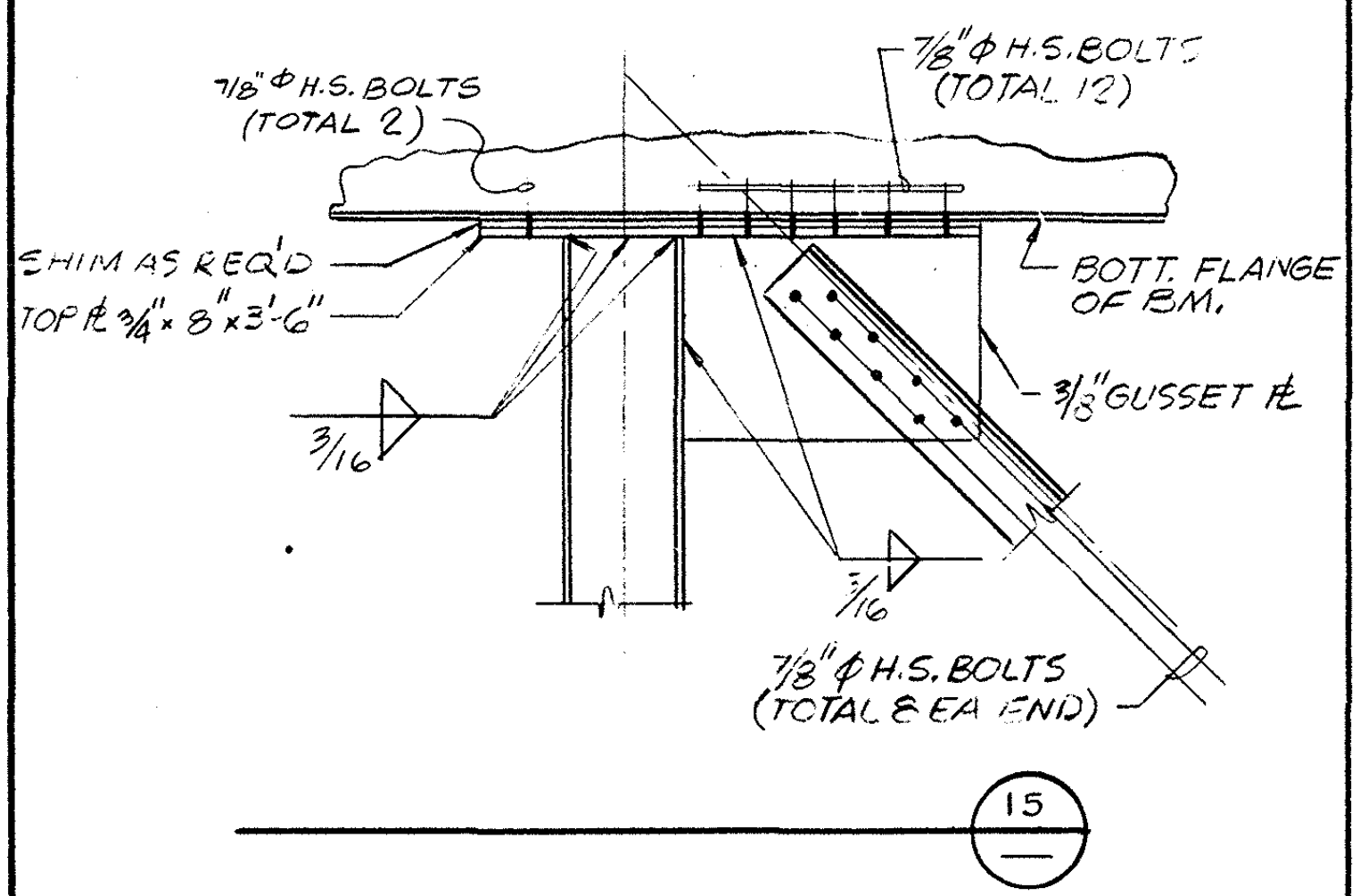

4
2
⑤
2-L'S 6×6×3/8
⑤
⑤
3
TYPE 2 3A
TYPE 3 3B
1
⑥
2-L'S 6×6×½
⑥
⑥
2
NO BRACING ABOVE THIS LEVEL @ TYPE ②
NO BRACING BELOW THIS LEVEL @ TYPE ③

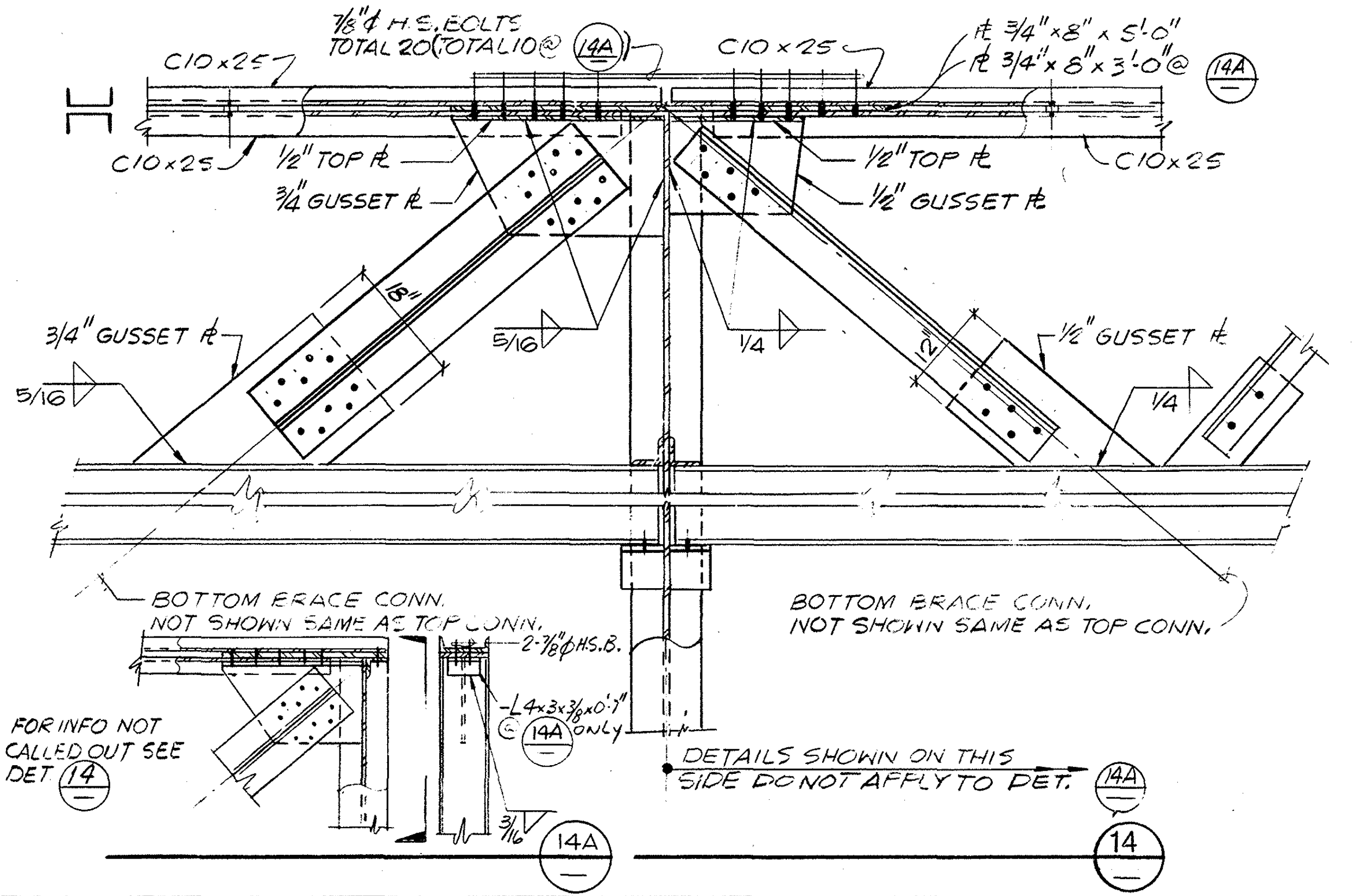
TYPE ① ② ③

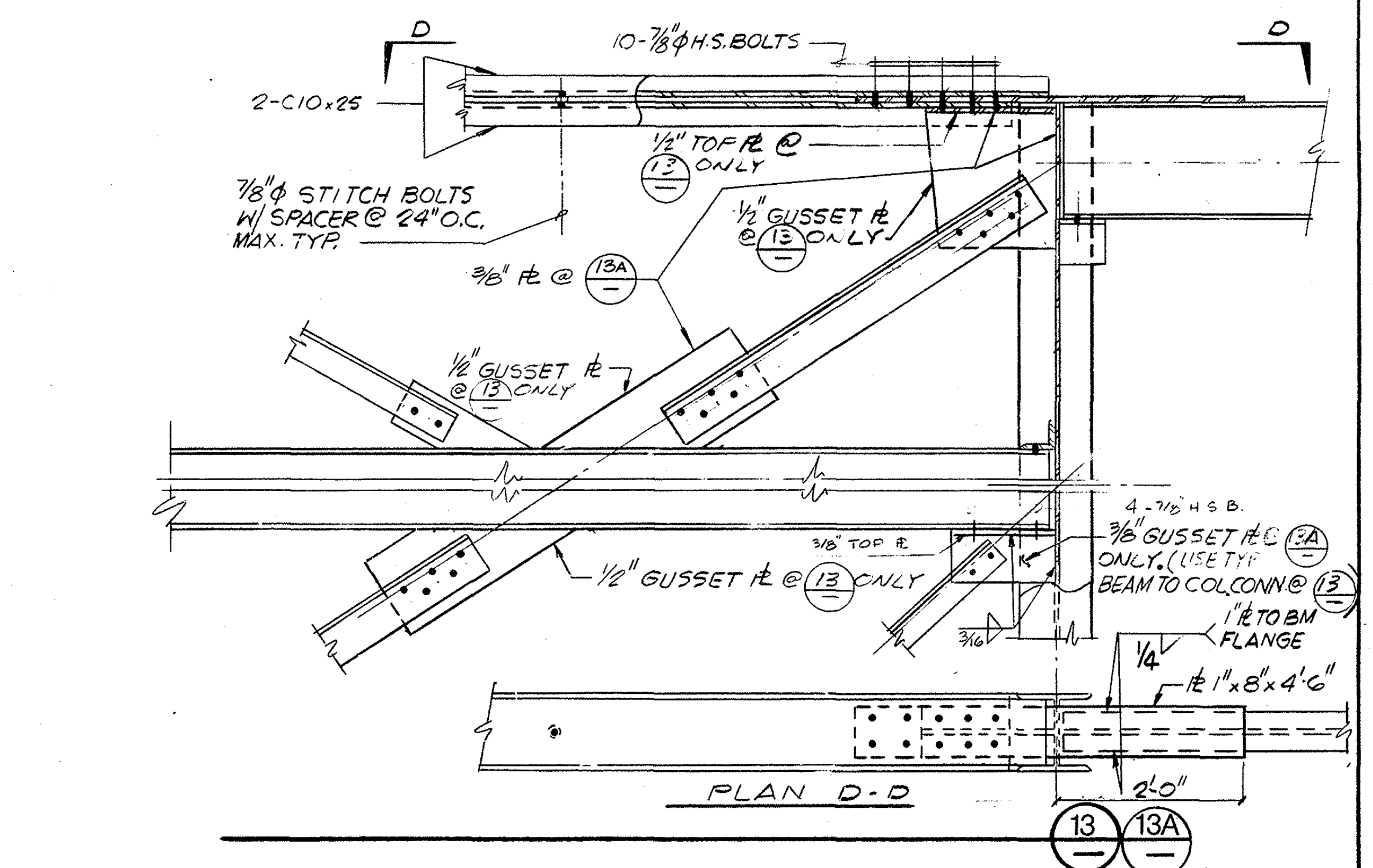


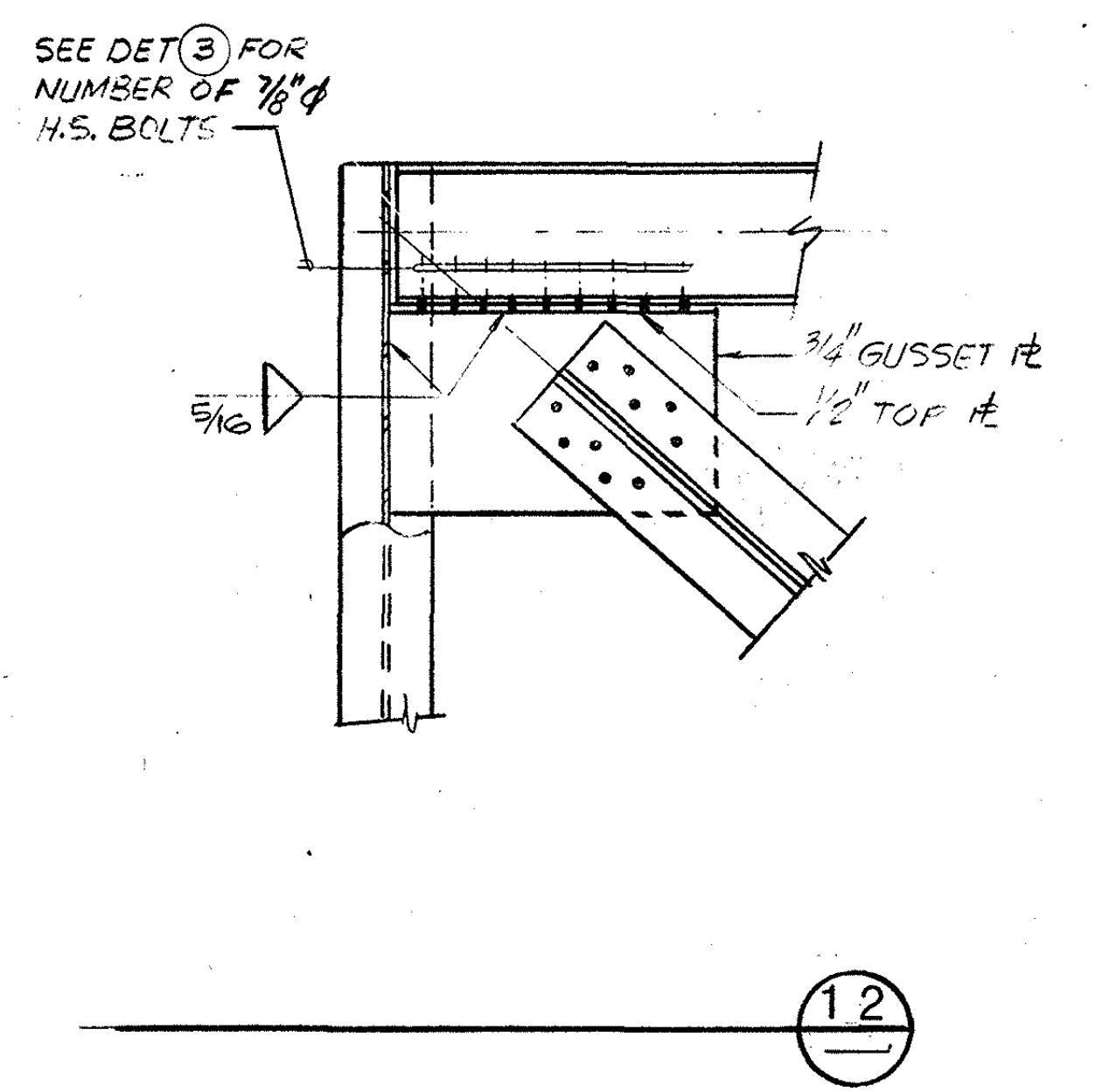
TYPE ⑩ **TYPE** ⑪ △4 BOLTING & MEMBERS

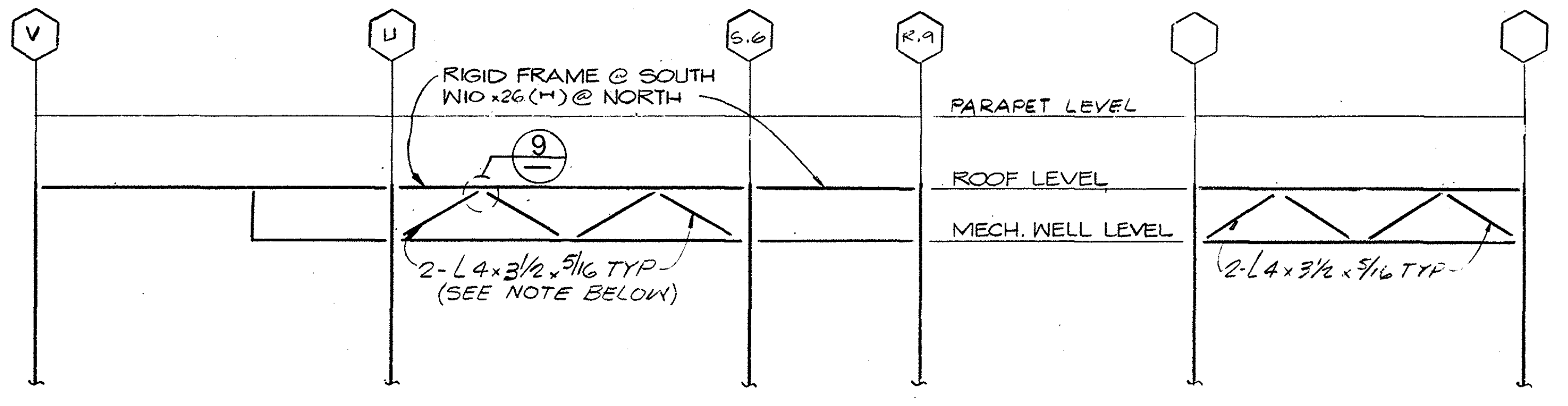
EAST WALL BRACING FOR
SOUTH CONCOURSE COOLING TOWER


7/8"Φ H.S. BOLTS (TOTAL 2)
7/8"Φ H.S. BOLTS (TOTAL 12)
SHIM AS REQ'D
TOP PL 3/4"×8"×3'-6"
BOTT. FLANGE OF BM.
3/8" GUSSET PL
3/16
3/16
7/8"Φ H.S. BOLTS (TOTAL 8 EA END)
15


7/8"Φ H.S. BOLTS TOTAL 20 (TOTAL 10 @ 14A)
C10×25
C10×25
PL 3/4"×8"×5'-0"
PL 3/4"×8"×3'-0" @ 14A
C10×25
1/2" TOP PL
3/4" GUSSET PL
1/2" TOP PL
1/2" GUSSET PL
C10×25
18"
3/4" GUSSET PL
5/16
5/16
1/4
12"
1/2" GUSSET PL
1/4
BOTTOM BRACE CONN. NOT SHOWN SAME AS TOP CONN.
BOTTOM BRACE CONN. NOT SHOWN SAME AS TOP CONN.
2-7/8"Φ H.S.B.
L4×3×3/8×0'-7" @ 14A ONLY
FOR INFO NOT CALLED OUT SEE DET 14
DETAILS SHOWN ON THIS SIDE DO NOT APPLY TO DET. 14A
3/16
14A
14







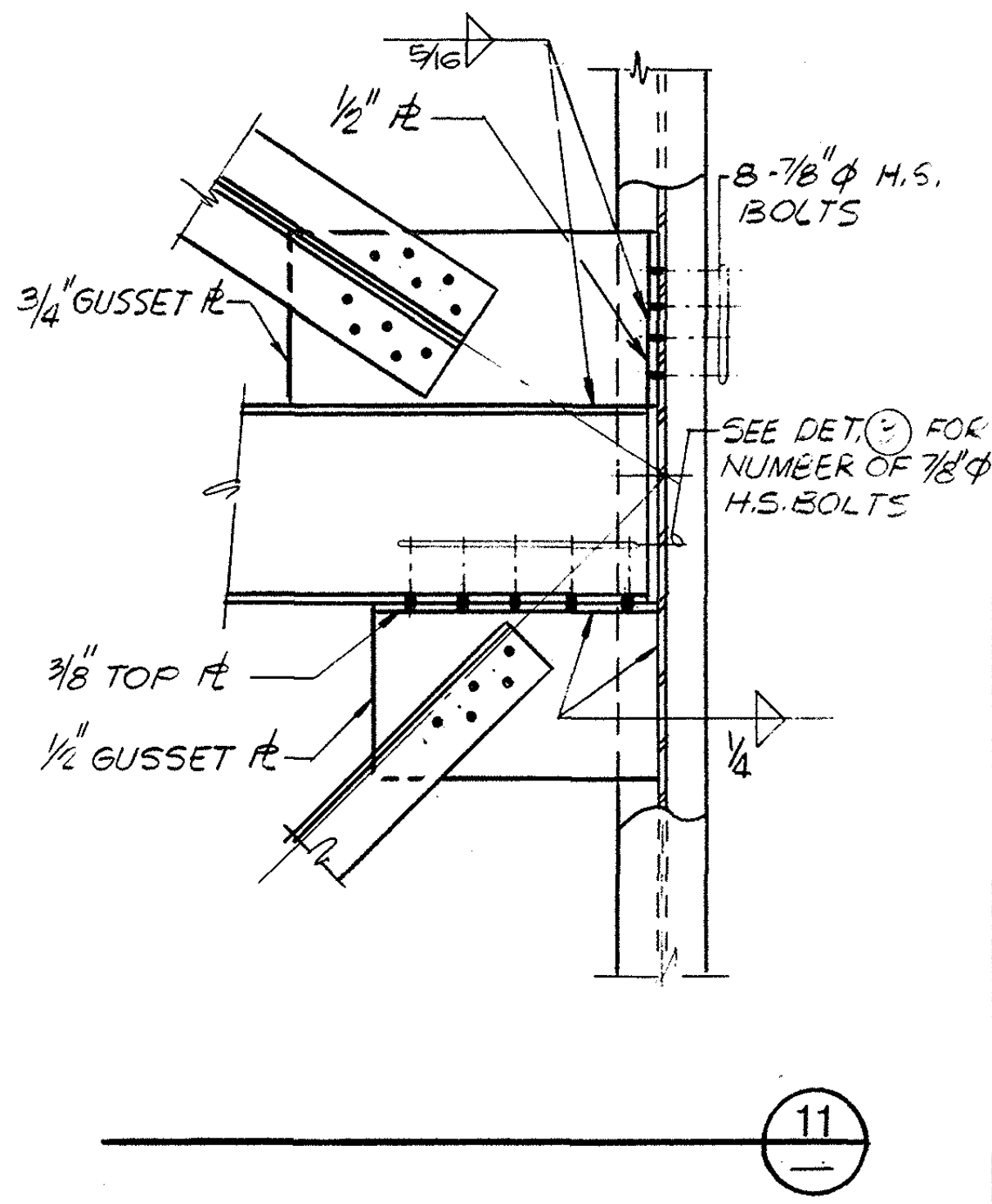
NORTH WALL

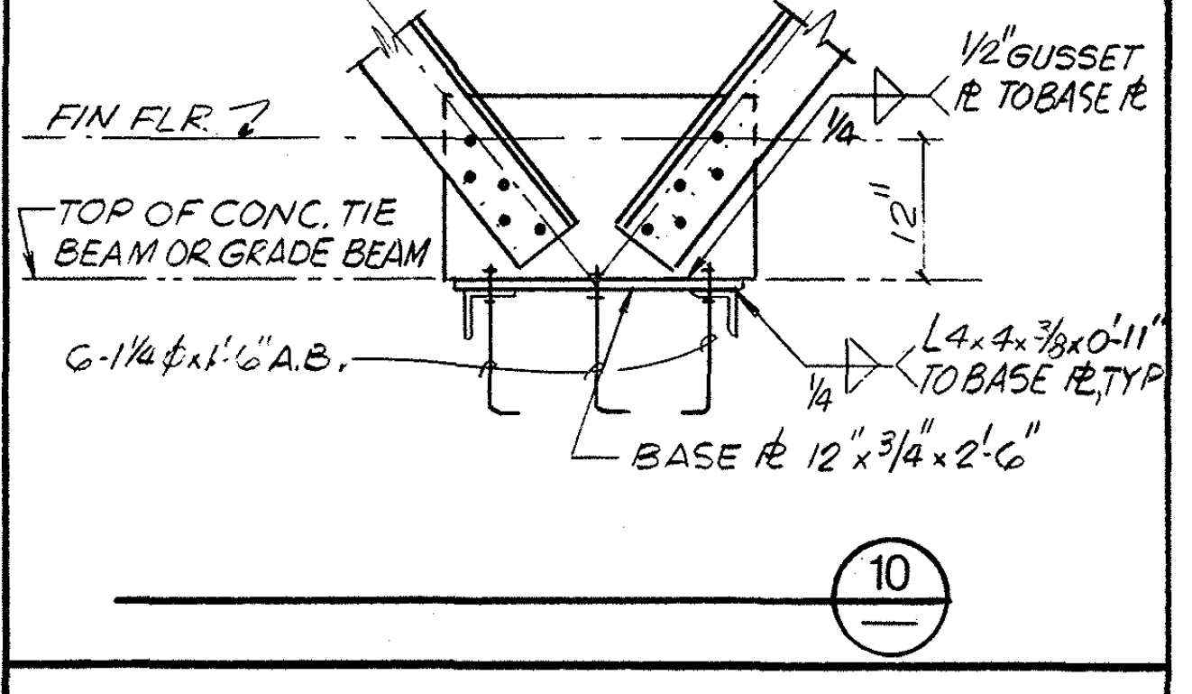
NOTE: FOR SOUTH WALL USE BOLSERS INSTEAD OF BRACING. FOR TYP BOLSTER TO BEAM CONN SEE DET. 12/S4.1.2

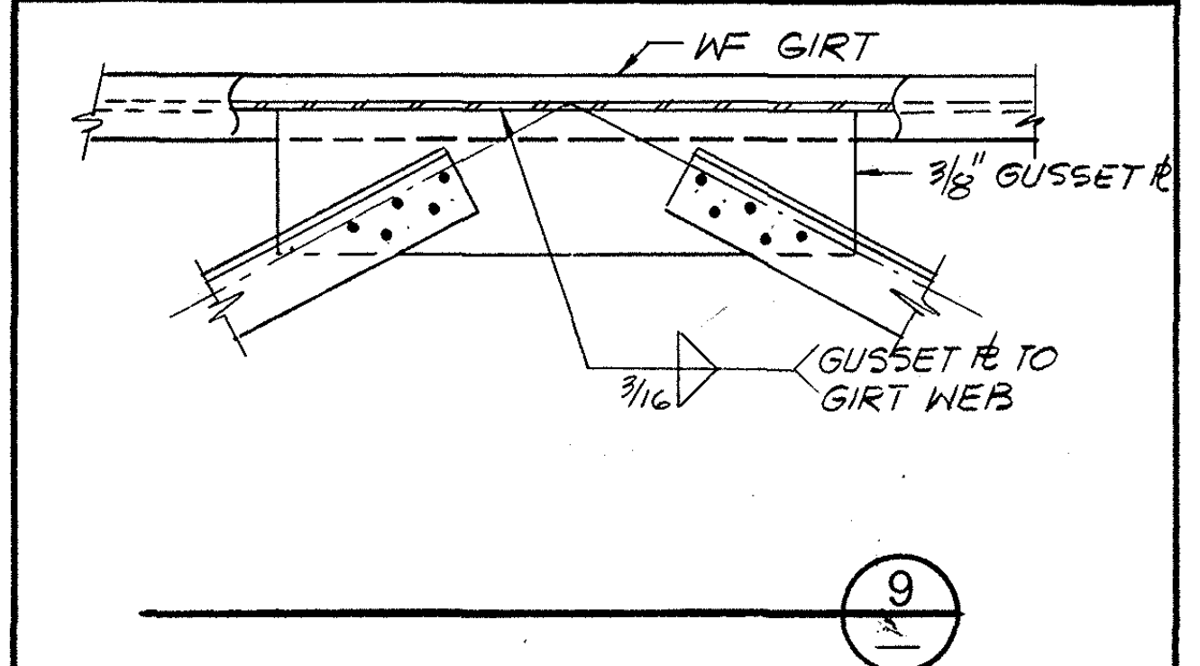
WEST WALL

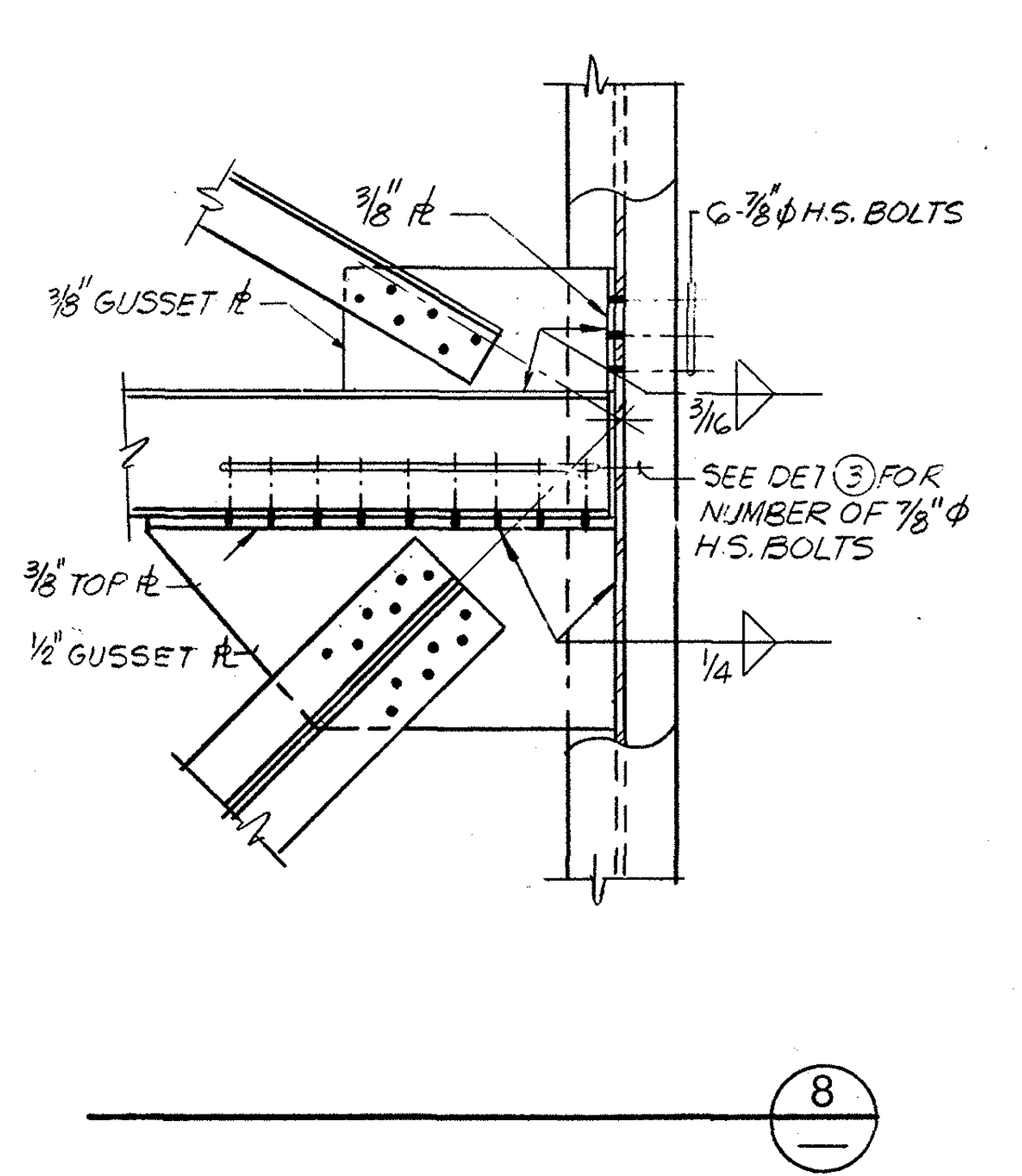
NOTE:
SEE BRACING TYPE 6 FOR EAST WALL BRACING

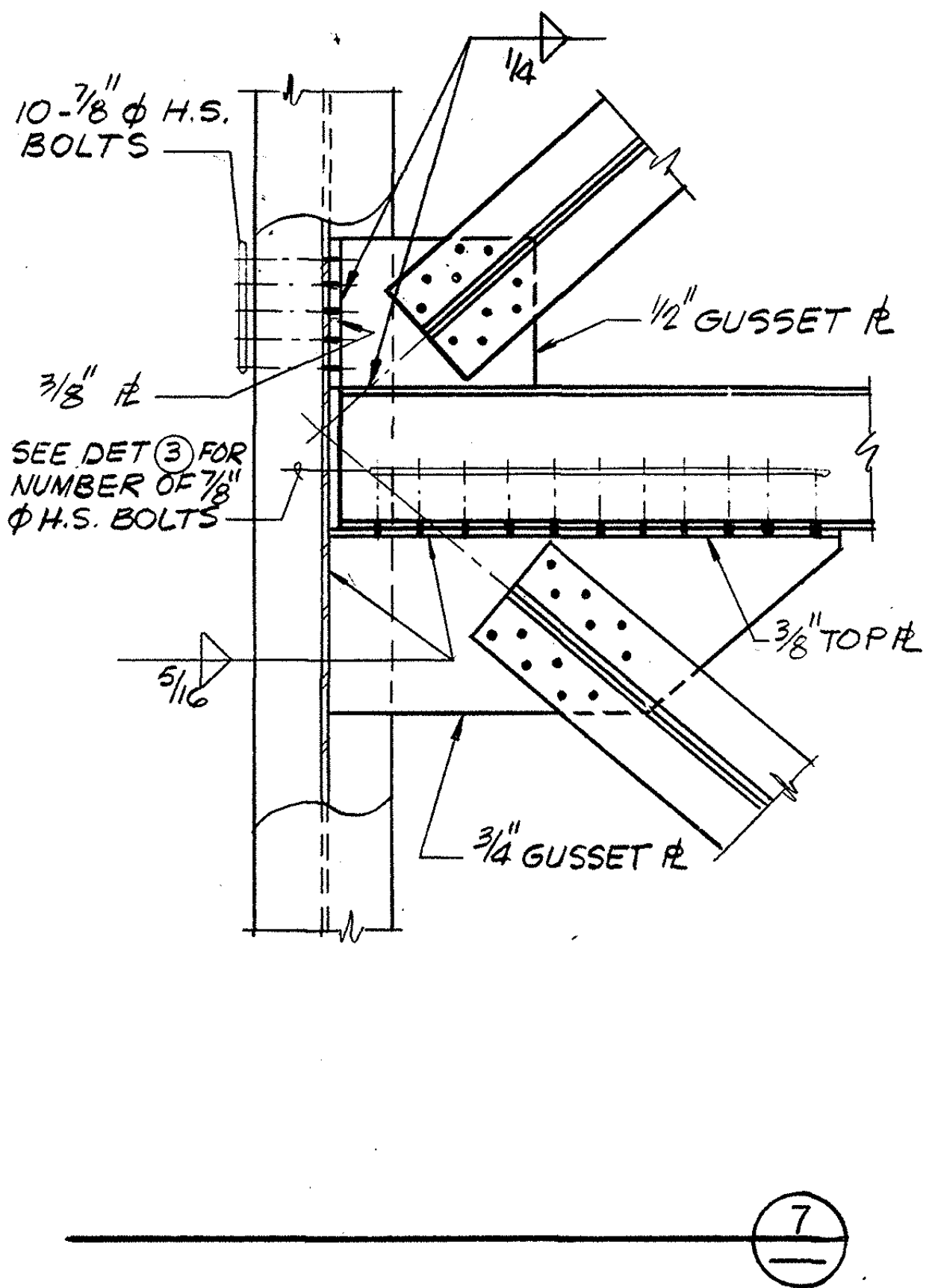
MECHANICAL WELL BRACING

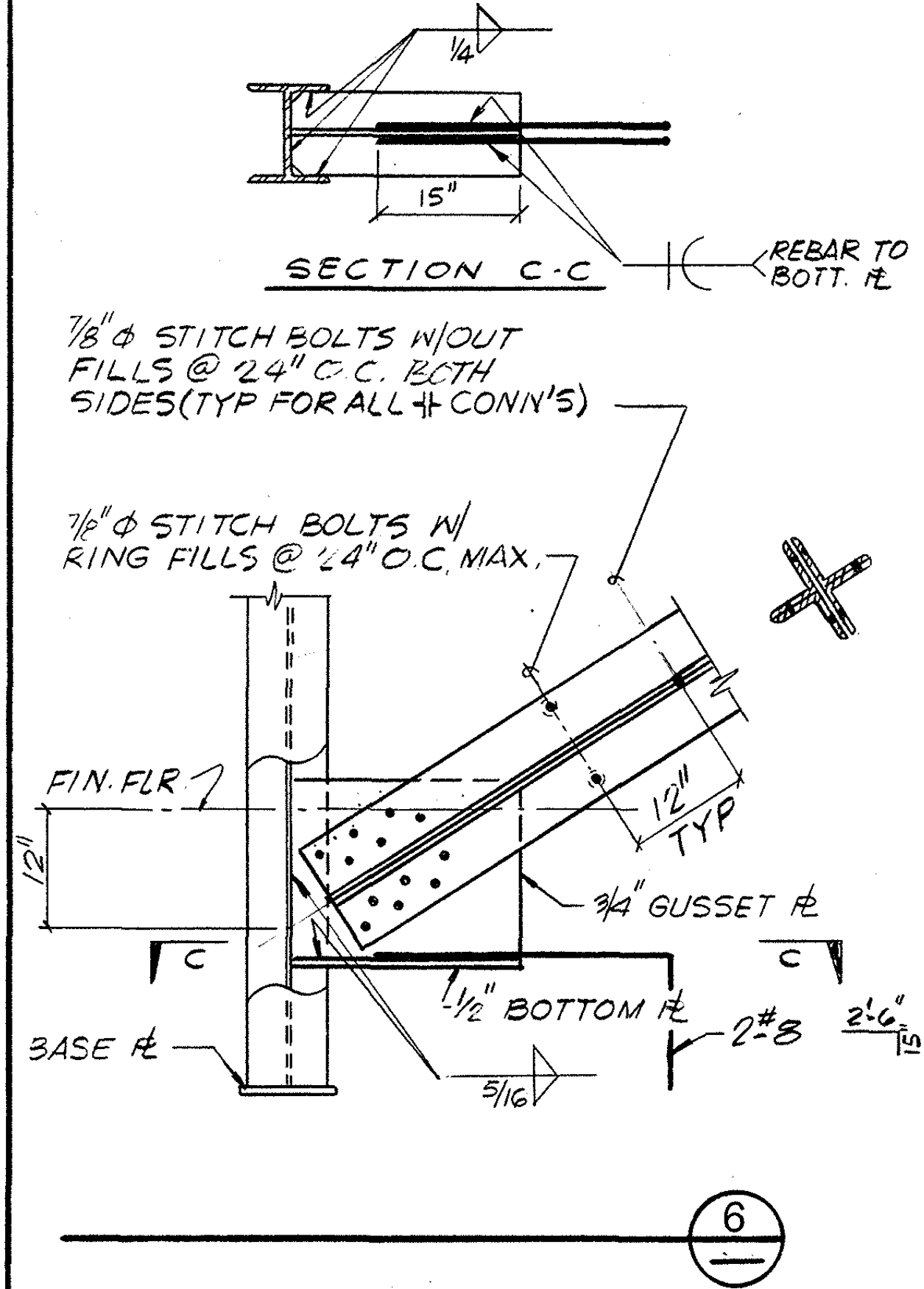


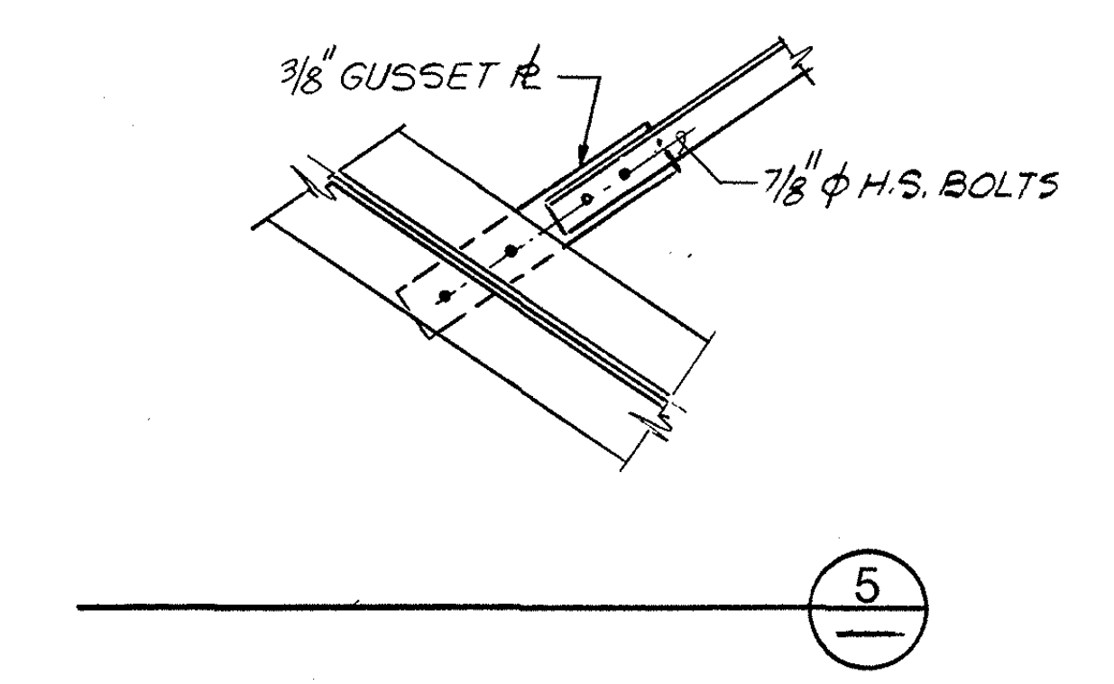

FIN. FLR.
1/2" GUSSET PL TO BASE PL
1/4
12"
TOP OF CONC. TIE BEAM OR GRADE BEAM
6-1¼Φ×1'-6" A.B.
L4×4×3/8×0'-11" TO BASE PL, TYP
1/4
BASE PL 12"×3/4×2'-6"
10

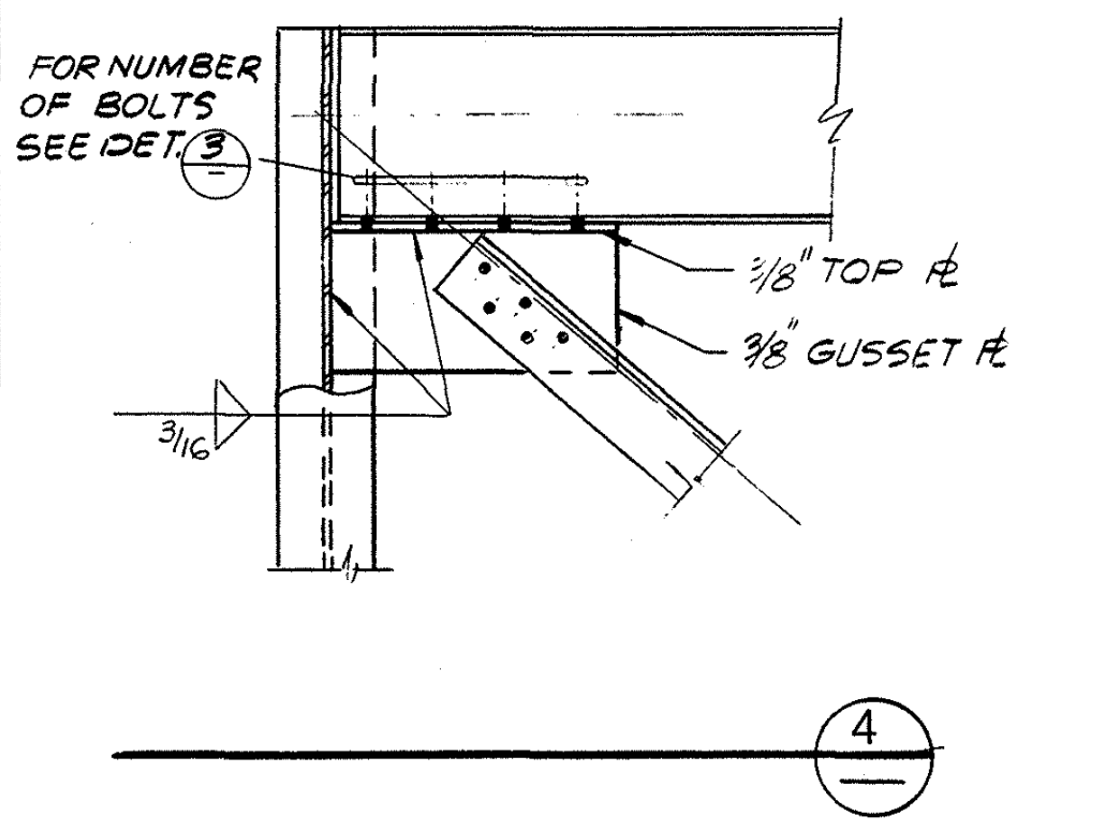


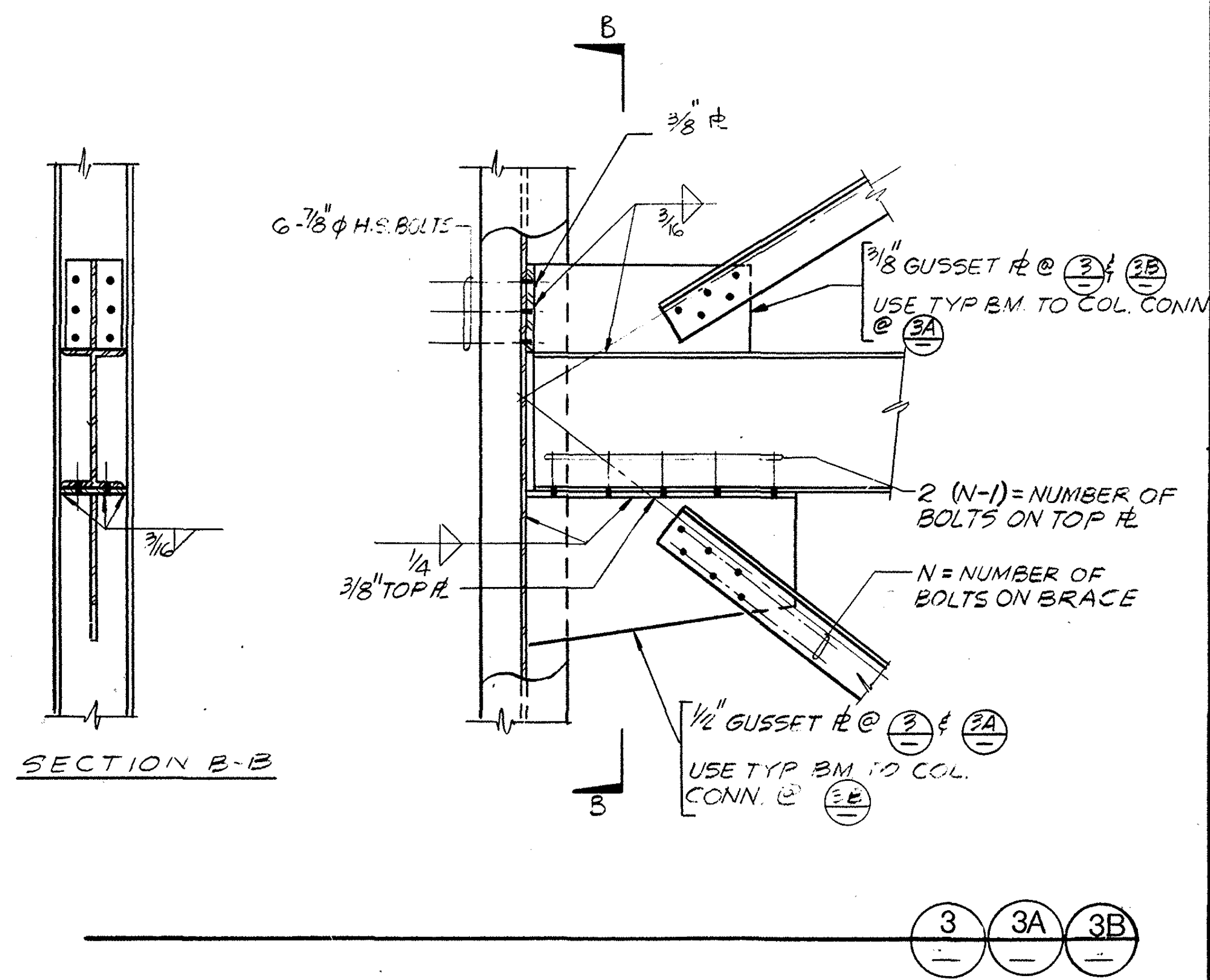


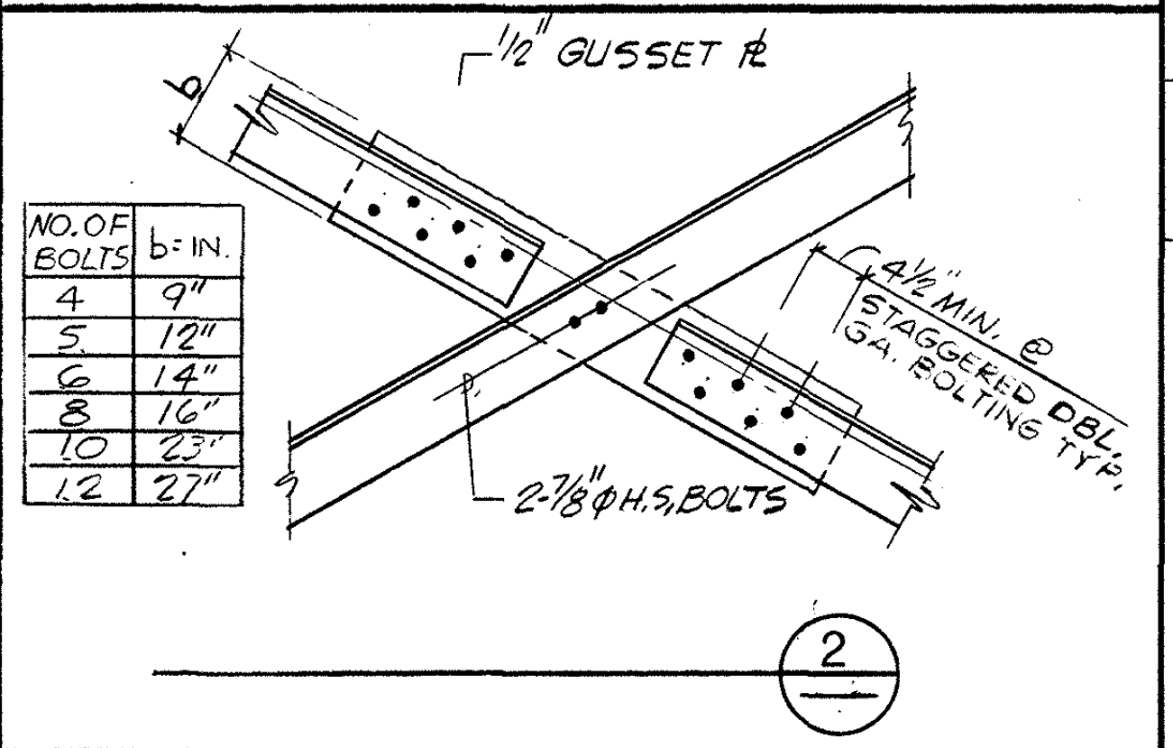



1/4
15"
SECTION C-C
REBAR TO BOTT. PL
7/8"Φ STITCH BOLTS W/OUT FILLS @ 24" O.C. BOTH SIDES (TYP FOR ALL ⌶ CONN'S)
7/8"Φ STITCH BOLTS W/ RING FILLS @ 24" O.C. MAX.
FIN. FLR.
12"
12" TYP
3/4" GUSSET PL
C
C
BASE PL
1½" BOTTOM PL
2#8
2'-6"
15
5/16
6

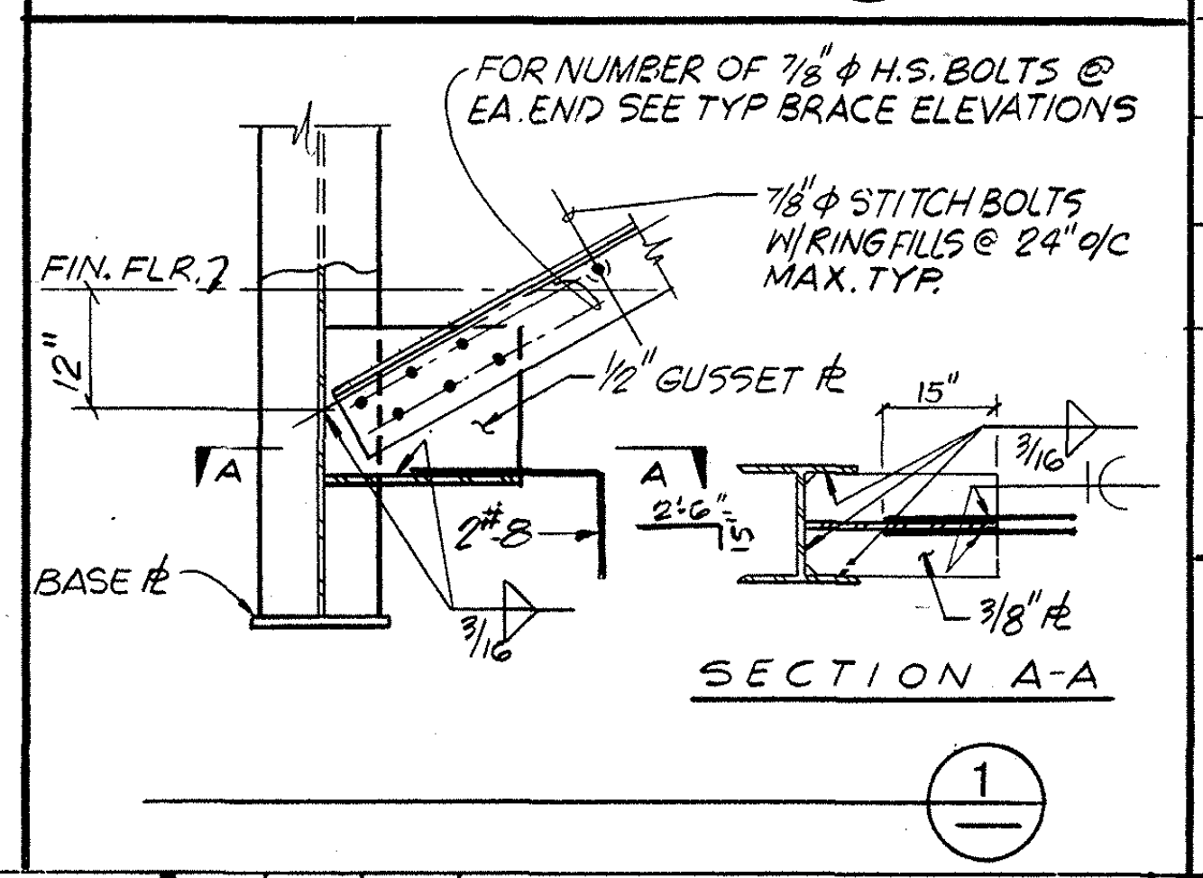





B
3/8" PL
6-7/8"Φ H.S. BOLTS
3/16
3/8" GUSSET PL @ ③ & ③B
USE TYP BM. TO COL. CONN @ ③A
3/16
2 (N-1) = NUMBER OF BOLTS ON TOP PL
1/4
3/8" TOP PL
N = NUMBER OF BOLTS ON BRACE
1/2" GUSSET PL @ ③ & ③A
USE TYP BM. TO COL. CONN. @ ③B
SECTION B-B
B
3
3A
3B



NO. OF BOLTS	b = IN.
4	9"
5	12"
6	14"
8	16"
10	23"
12	27"


FOR NUMBER OF 7/8"Φ H.S. BOLTS @ EA. END SEE TYP BRACE ELEVATIONS
7/8"Φ STITCH BOLTS W/ RING FILLS @ 24" o/c MAX. TYP.
FIN. FLR.
12"
1/2" GUSSET PL
A
A
15"
3/16
2'-6"
15
2#8
BASE PL
3/16
3/8" PL
SECTION A-A
1

CONCOURSE BRACING LOCATION SCHEDULE

TYPE	BETWEEN GRID LINE			ON GRID LINE V	U4	U	S6	R9	R7	R1	61	62	
①	14-15 20-21 23-24 31-32 62-63	65-66 72-73 75-76 82-83 85-86	91-92 94-95 101-102	●									
	101-102								●				
	R.7-S.6										●		
	R.7-S.6											●	
②	1-2 4-5 9-10 11-12 18-19 27-28 29-30	34-35 35-36 69-70 79-80 88-89 97-98 102-103	106-107	●									△4 34-35 ADDED △4 35-36 ADDED
	1-2					●							
③	2-3 3-4 7-8 16-17	25-26 33-34 68-69 78-79	87-88 96-97 105-106	●									△4 33-34 ADDED
④	2-3							●					
⑤	105-106						●						
⑥	7-8 16-17 25-26	33-34 68-69 78-79	87-88 96-97					●					
⑦	72-73 73-74	91-92 92-93					●						
	11-12	29-30							●				
⑧	10-11 18-19 19-20 28-29	71-72 81-82 90-91	100-101						●				
	34-35 35-36									●			
⑨	20-21								●				
⑩	83-84								●				
⑪	82-83								●				

NOTES:

1. ○ DENOTES THE NUMBER OF 7/8"Φ H.S. BOLTS EACH END.
2. △4 FILLET WELD GUSSET PL AS FOLLOWS:

PL THKNESS	3/8	1/2	3/4
MIN. FILLET WELD EA. SIDE	3/16	1/4	5/16

0029644

AS BUILT

△4 8-30-82 GATE REVISIONS

△B 3-19-82 ADDENDUM B

F

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: CONCOURSE BRACING ELEVATIONS & DETAILS
Department of Airports Drawing No. 82001-600

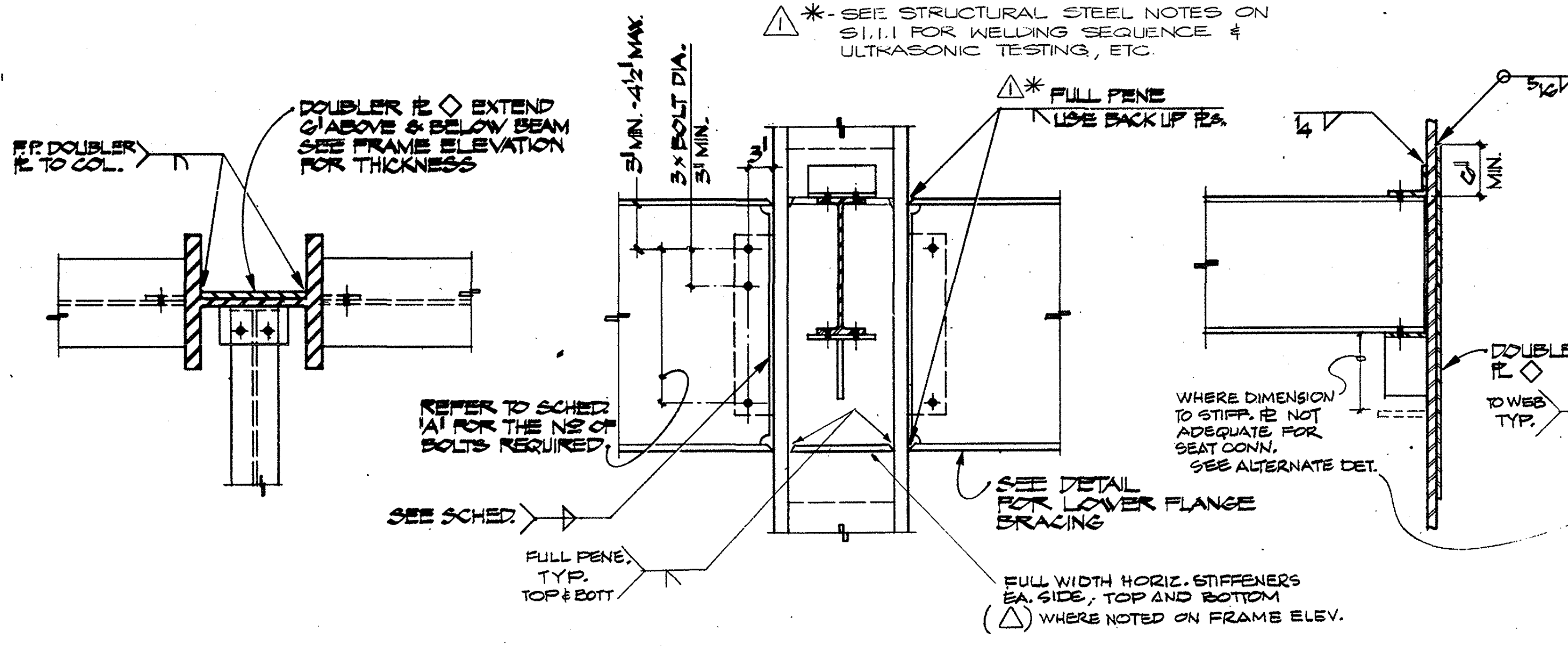
Designed By DLD
Drawn By FM
Chief Architect JDW, BAS
PDSW Project No. 79000
Drawing No. S3.2.1
Sheet of Sheets

* 7/8"φ "TYPE X" HTB MAY BE USED IN LIEU OF 1"φ FRICTION TYPE BOLTS.

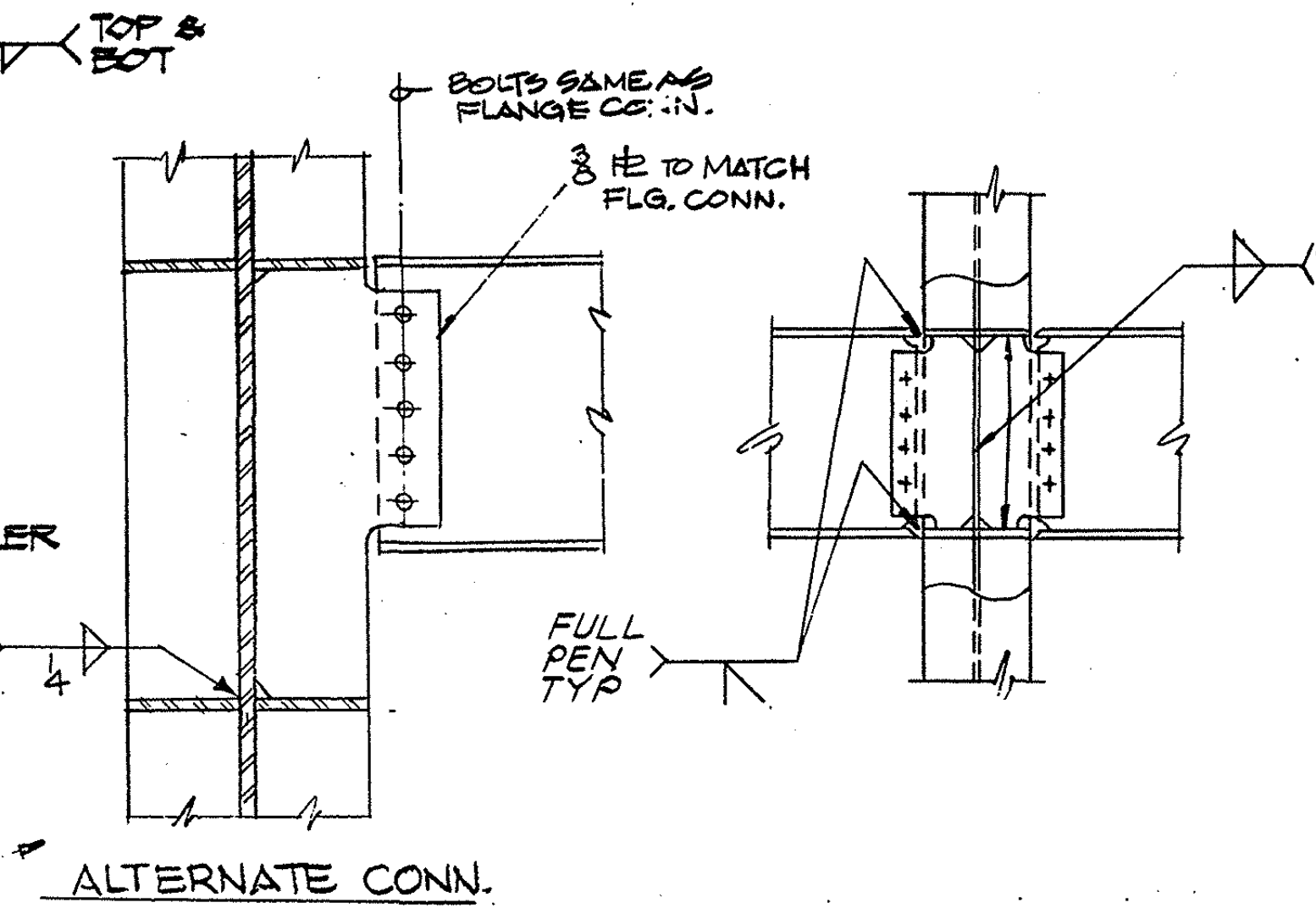
RIGID FRAME MOMENT CONNECTIONS AT COLUMNS - SCHEDULE "A"				
BEAM SIZE	WEB CONNECTION TO COLUMN			REMARKS
	PL DIMENSIONS	A325* BOLTS	FILLET WELD min	
W24	12 x 3/8	4-1"φ	5/16"	
W27	15 x 3/8	5-1"φ	DO	
W30x99	18 x 3/8	6-1"φ	DO	
W30x108,116	21 x 3/8	7-1"φ	DO	
W33	21 x 3/8	7-1"φ	DO	
W36	24 x 3/8	8-1"φ	5/16"	

TYPICAL NON-RIGID COLUMN SHEAR CONNECTIONS - SCHEDULE "B"						
BEAM SIZE	SHEAR PL TO COLUMN FLANGE			SEATED CONN. TO COLUMN WEB		
	PL DIMENSIONS	FILLET WELD	A325 BOLTS	T. B.	LENGTH OF WELD	FILLET WELD
W12, W14	4½ x 3/8 x 0'-9"	¼"	3-7/8"φ	½"	6	¼"
W16, W18	4½ x 3/8 x 1'-0"	DO	4-7/8"φ	DO	8	DO
W21	4½ x 3/8 x 1'-3"	DO	5-7/8"φ	DO	9	DO
W24	4½ x 3/8 x 1'-6"	DO	6-7/8"φ	DO	10	¼"
W27	4½ x 3/8 x 1'-9"	DO	7-7/8"φ	DO	12	5/16"
W30	4½ x 3/8 x 2'-3"	¼"	9-7/8"φ	½"	14	5/16"

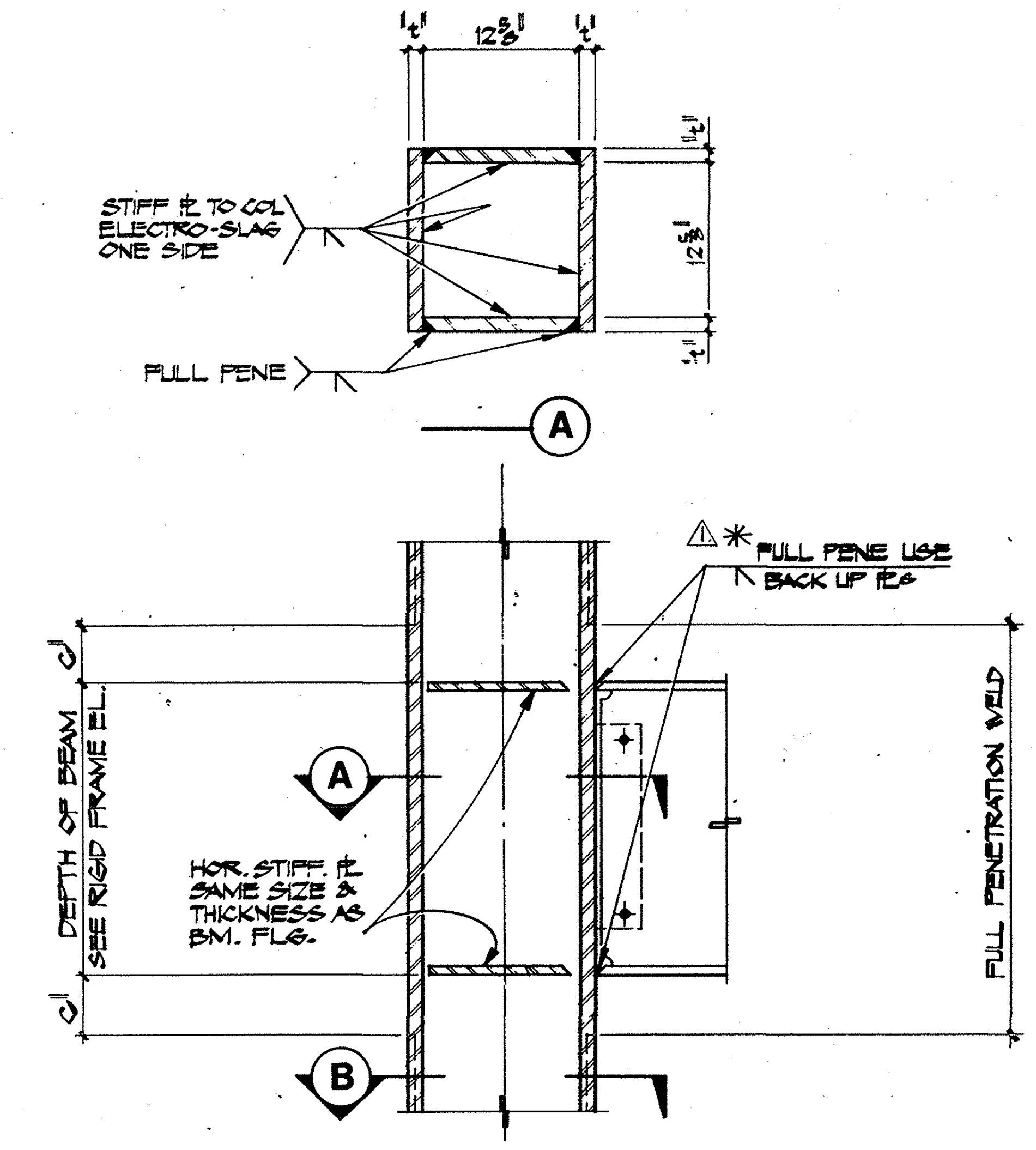
BEAM TO GIRDER CONNECTIONS - SCHEDULE "C"				
BEAM SIZE	SHEAR PL		NO. & SIZE OF A325 BOLTS	REMARKS
	MIN. PL SIZE	FILLET WELD		
W10 OR LESS	4½ x 5/16 x 0'-7½"	3/16"	2-¾"φ	
W12, W14	4½ x 3/8 x 0'-10½"	¼"	3-¾"φ	
W16	4½ x 3/8 x 1'-1½"	DO	3-7/8"φ	
W18	4½ x 3/8 x 1'-4½"	DO	4-7/8"φ	
W21	4½ x 3/8 x 1'-7½"	¼"	5-7/8"φ	
W24, W27	4½ x 3/8 x 1'-10½"	5/16"	7-7/8"φ	
W30	4½ x 3/8 x 2'-4½"	5/16"	8-7/8"φ	


△* SEE STRUCTURAL STEEL NOTES ON S1.1.1 FOR WELDING SEQUENCE & ULTRASONIC TESTING, ETC.
F.P. DOUBLER PL TO COL.
DOUBLER PL ◇ EXTEND 6" ABOVE & BELOW BEAM SEE FRAME ELEVATION FOR THICKNESS
3" MIN.-4½" MAX.
3 x BOLT DIA.
3" MIN.
△* FULL PENE USE BACK UP PLS
REFER TO SCHED 'A' FOR THE NO. OF BOLTS REQUIRED
SEE SCHED
FULL PENE TYP. TOP & BOTT.
SEE DETAIL FOR LOWER FLANGE BRACING
FULL WIDTH HORIZ. STIFFENERS EA. SIDE, TOP AND BOTTOM (△) WHERE NOTED ON FRAME ELEV.
5/16 TOP & BOT
6" MIN.
WHERE DIMENSION TO STIFF. PL NOT ADEQUATE FOR SEAT CONN. SEE ALTERNATE DET.
DOUBLER PL ◇
TO WEB TYP.

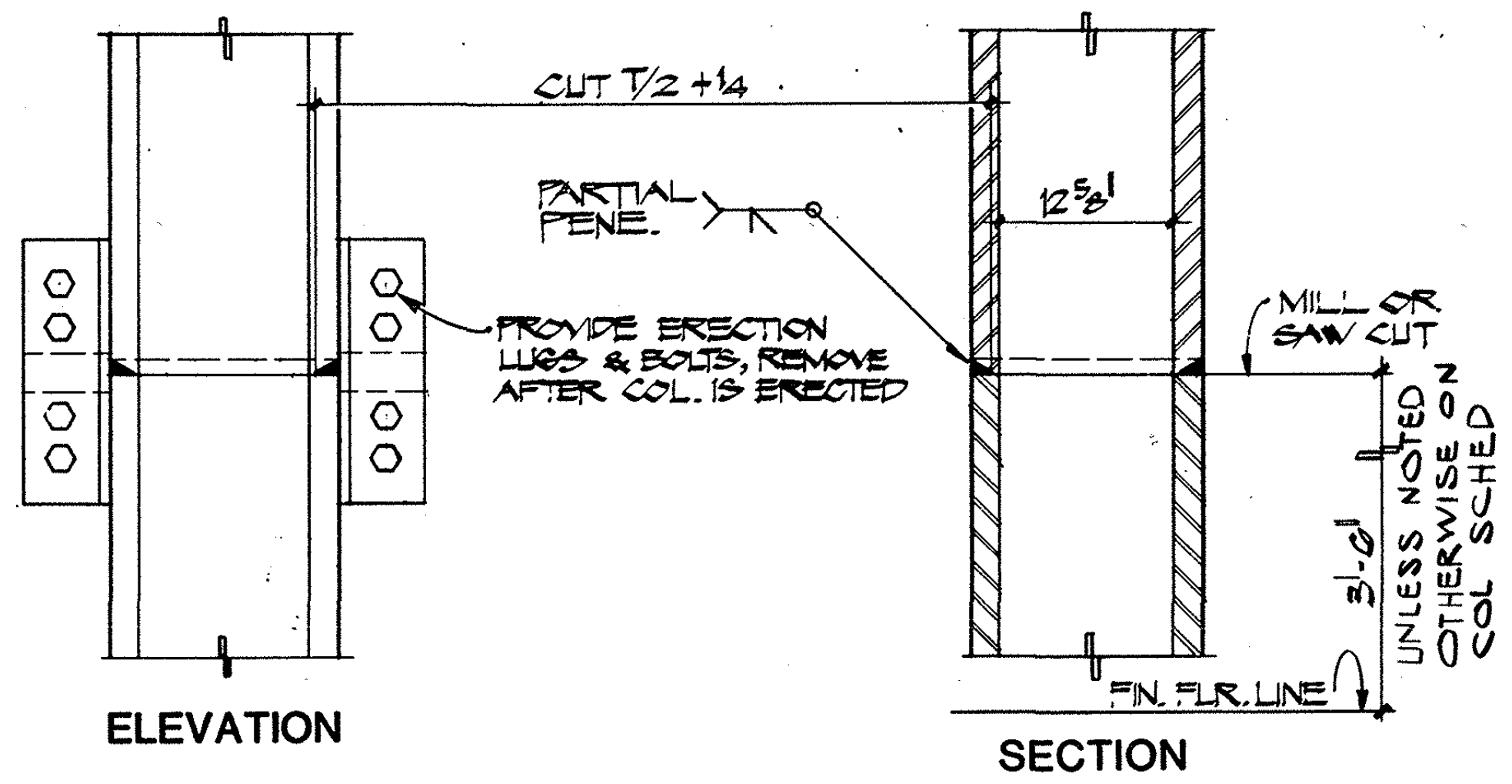
RIGID FRAME MOMENT CONNECTIONS



TYPICAL BEAM TO COLUMN MOMENT CONNECTIONS


12⅝
STIFF PL TO COL ELECTRO-SLAG ONE SIDE
FULL PENE
A
△* FULL PENE USE BACK UP PLS
DEPTH OF BEAM SEE RIGID FRAME EL.
HOR. STIFF. PL SAME SIZE & THICKNESS AS BM. FLG.
FULL PENETRATION WELD
B

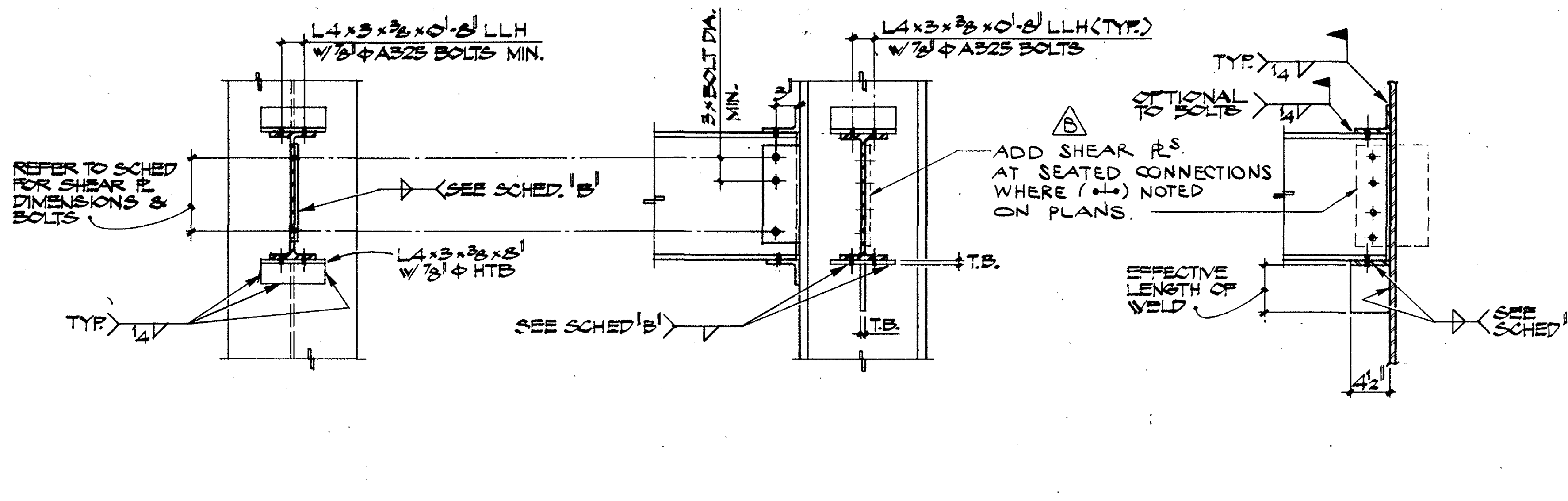
VERTICAL SECTION


CUT T/2 + ¼
PARTIAL PENE.
12⅝"
PROVIDE ERECTION LUGS & BOLTS; REMOVE AFTER COL. IS ERECTED
MILL OR SAW CUT
3'-6" UNLESS NOTED OTHERWISE ON COL. SCHED
FIN. FLR. LINE

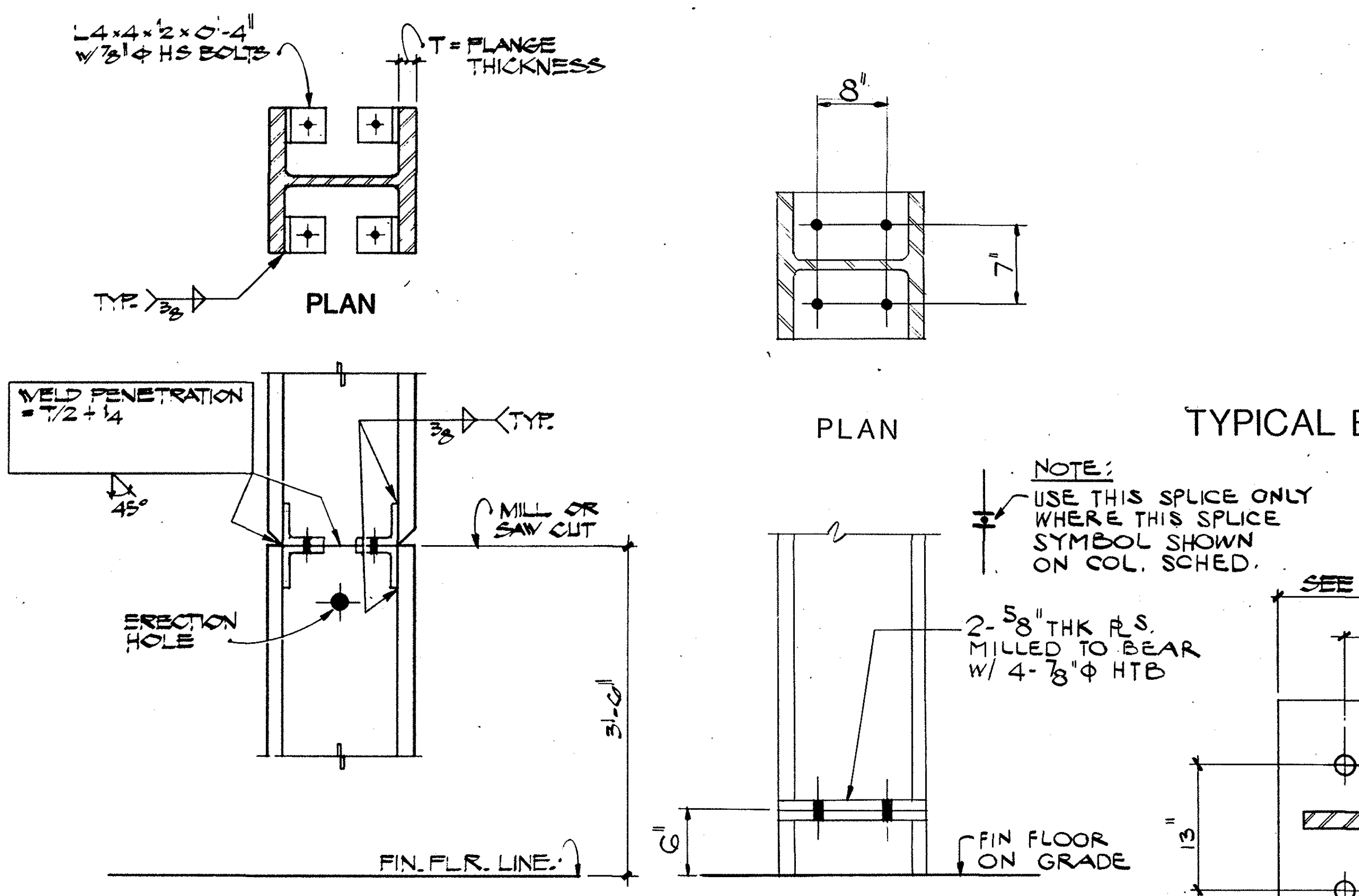
ELEVATION

SECTION

BOX COLUMN SPLICE


L4x3x3/8x0'-8" LLH W/ 3/4"φ A325 BOLTS MIN.
3 x BOLT DIA. MIN.
L4x3x3/8x0'-8" LLH (TYP.) W/ 3/4"φ A325 BOLTS
REFER TO SCHED FOR SHEAR PL DIMENSIONS & BOLTS
SEE SCHED 'B'
L4x3x3/8x5" W/ 3/4"φ HTB
TYP. ¼
ADD SHEAR PLS AT SEATED CONNECTIONS WHERE (+I+) NOTED ON PLANS.
T.B.
EFFECTIVE LENGTH OF WELD
OPTIONAL TO BOLTS
TYP. ¼
SEE SCHED 'B'

TYPICAL NON-RIGID COLUMN SHEAR CONNECTIONS

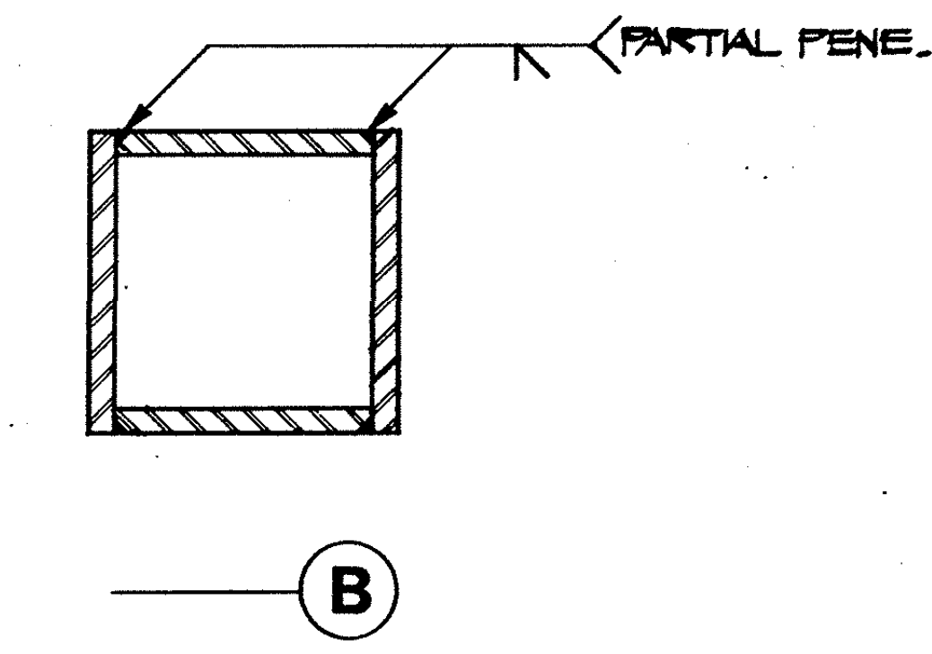

L4x4x½x0'-4" W/ 3/4"φ HS BOLTS
T = FLANGE THICKNESS
TYP.
PLAN
WELD PENETRATION = T/2 + ¼
45°
TYP.
MILL OR SAW CUT
ERECTION HOLE
3'-6"
FIN. FLR. LINE
8"
7"
PLAN
NOTE: USE THIS SPLICE ONLY WHERE THIS SPLICE SYMBOL SHOWN ON COL. SCHED.
2-5/8" THK PLS MILLED TO BEAR W/ 4-7/8"φ HTB
6"
FIN FLOOR ON GRADE

ELEVATION

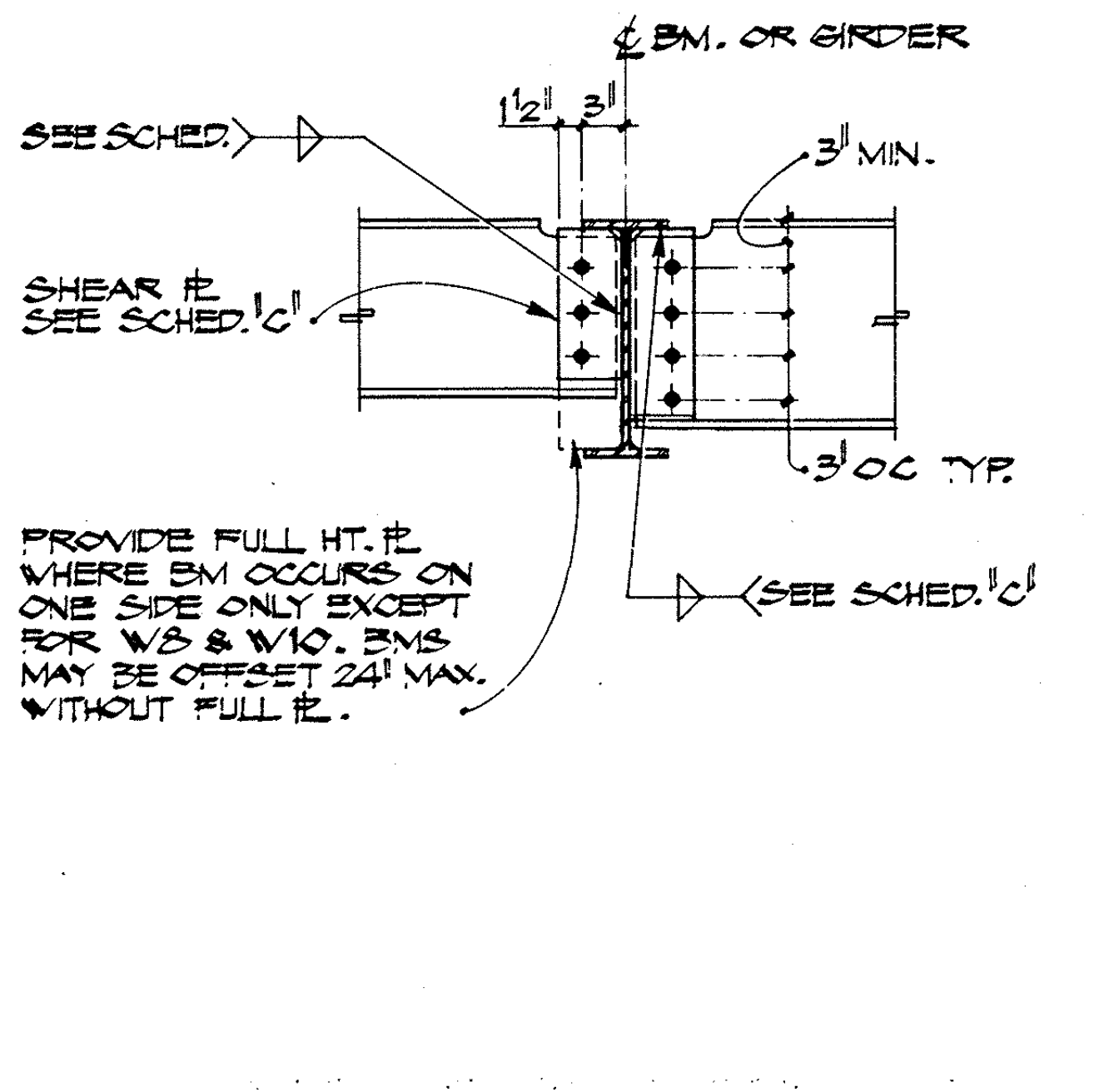
TYPICAL COLUMN SPLICE

ELEVATION △

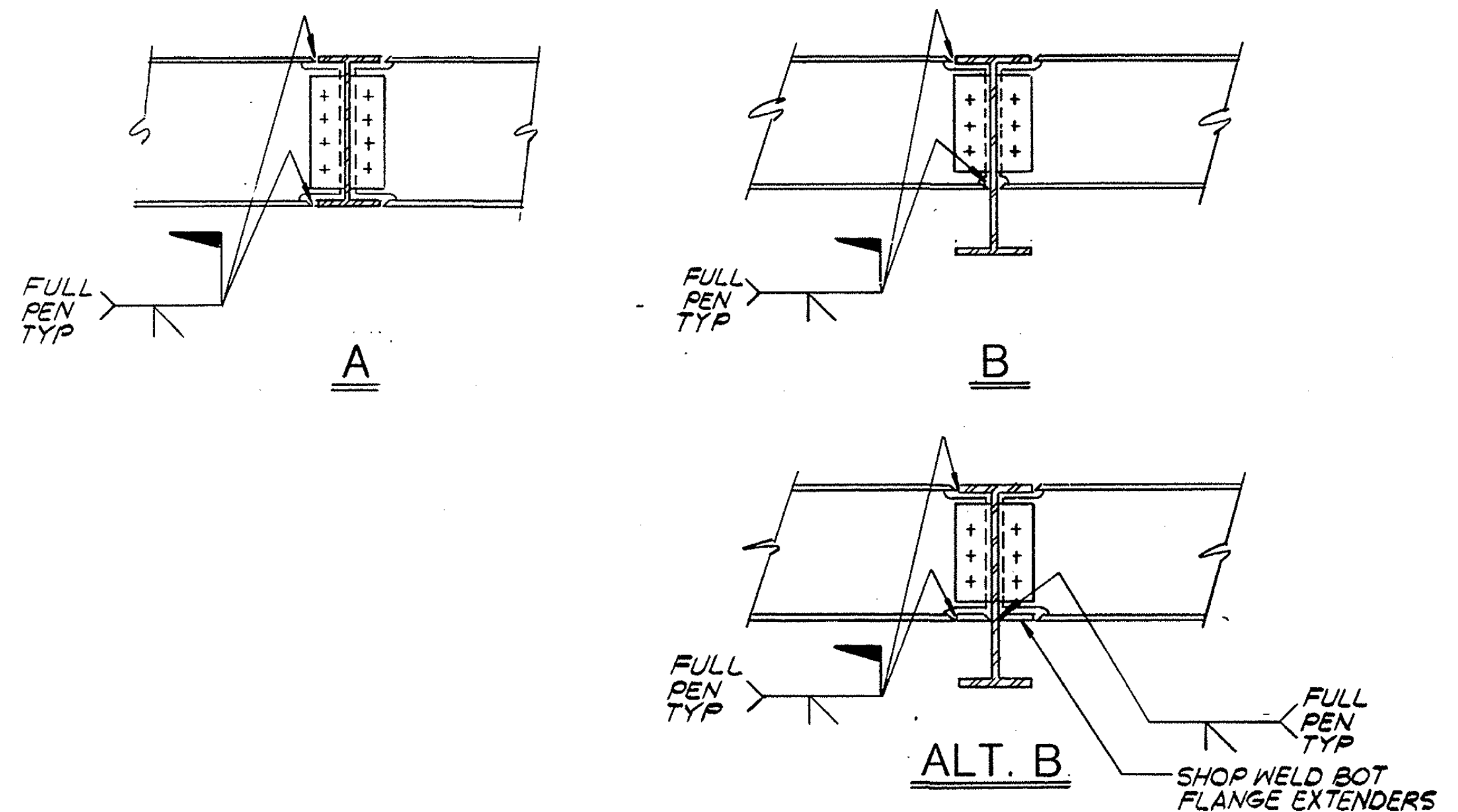
NON-CONT. COL. SPLICE



TYPICAL BOX COLUMN WELDING

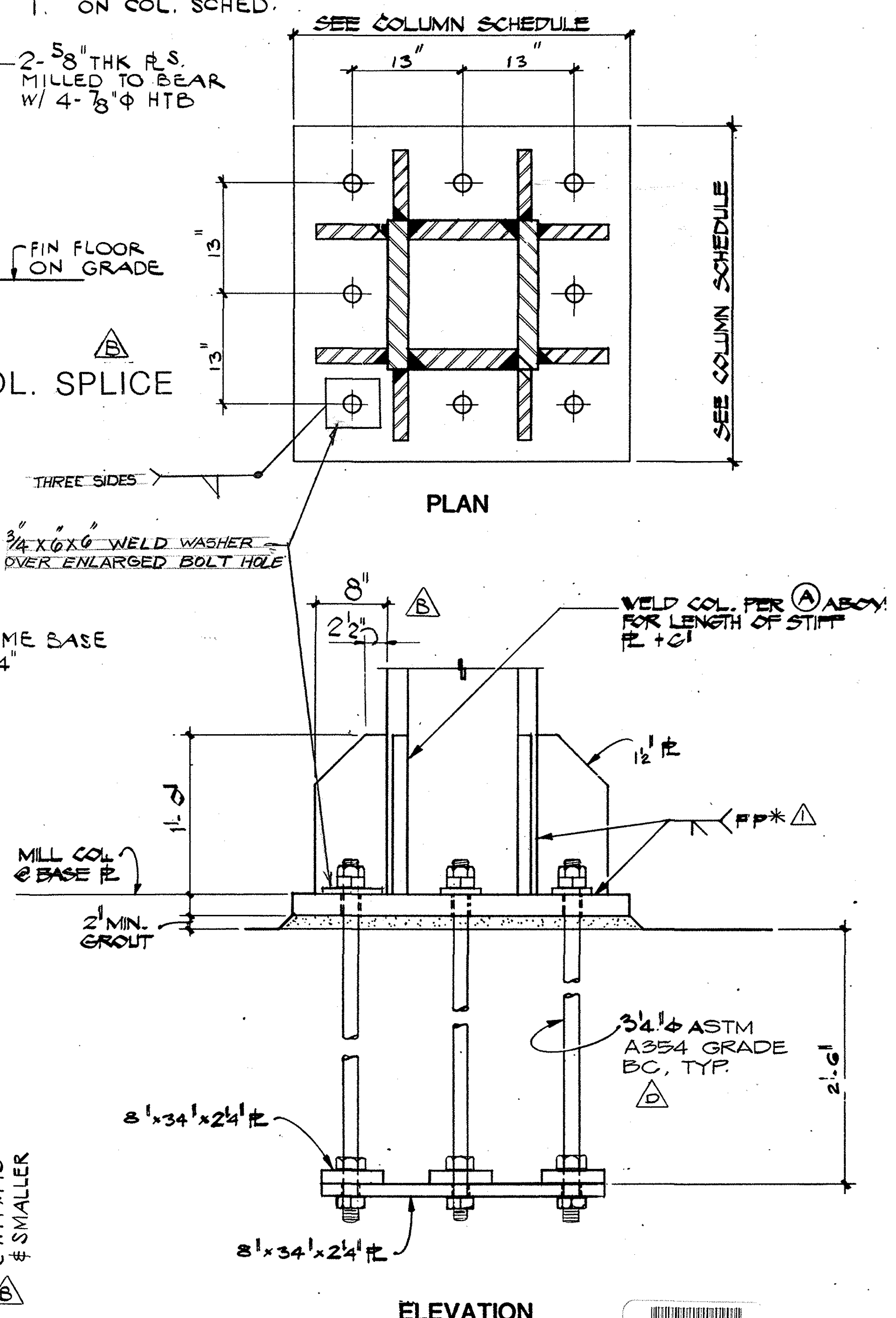

℄ BM. OR GIRDER
SEE SCHED
SHEAR PL SEE SCHED 'C'
3" MIN.
3" O.C. TYP.
PROVIDE FULL HT. PL WHERE BM OCCURS ON ONE SIDE ONLY EXCEPT FOR W8 & W10. BMS. MAY BE OFFSET 24" MAX. WITHOUT FULL PL.
SEE SCHED 'C'

TYPICAL BEAM TO GIRDER CONN.



ALT. B

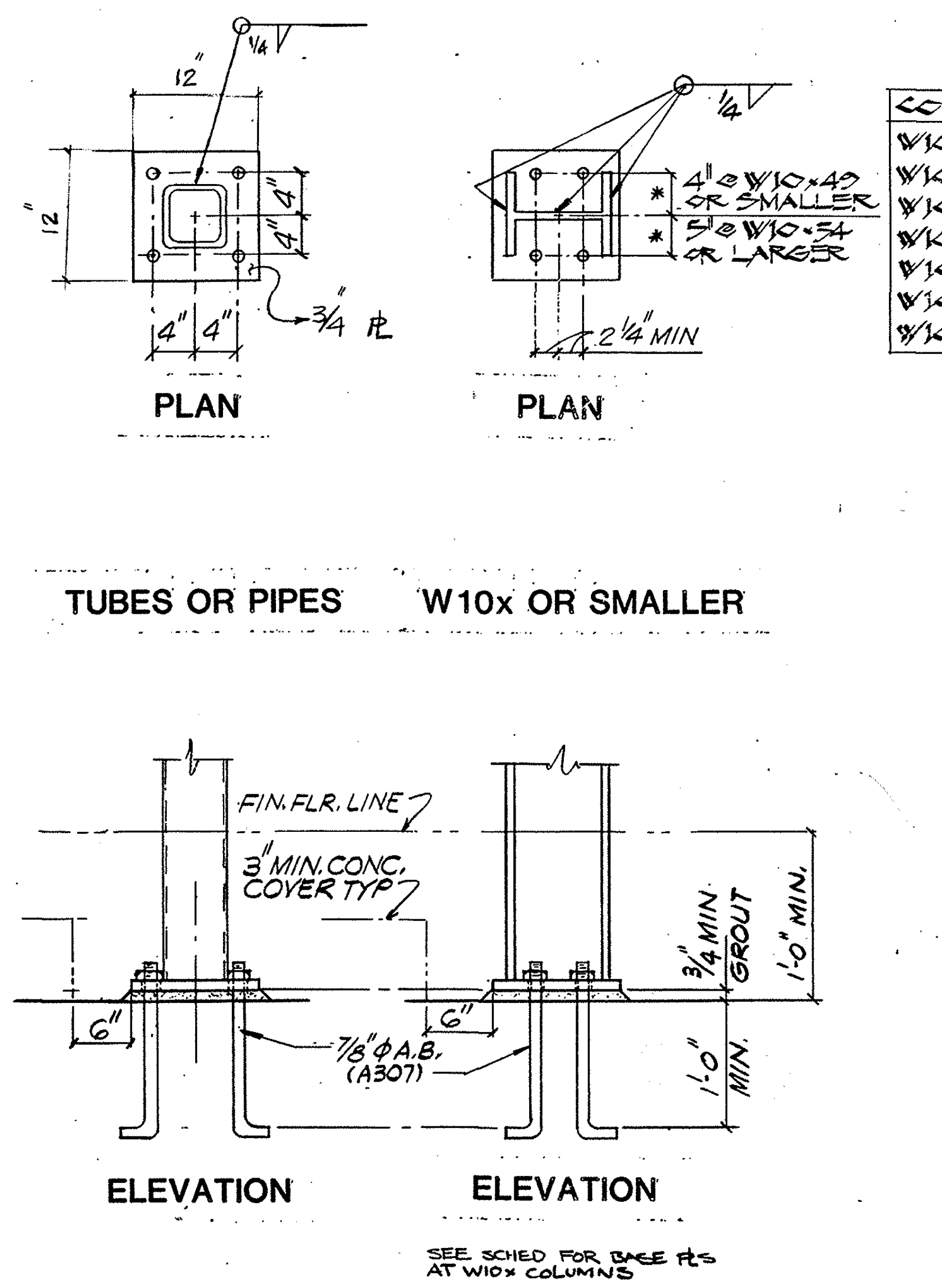
TYPICAL BEAM TO GIRDER MOMENT CONNECTIONS



ELEVATION

0029645

TYPICAL BOX COLUMN BASE PLATE



TUBES OR PIPES

W10x OR SMALLER

ELEVATION

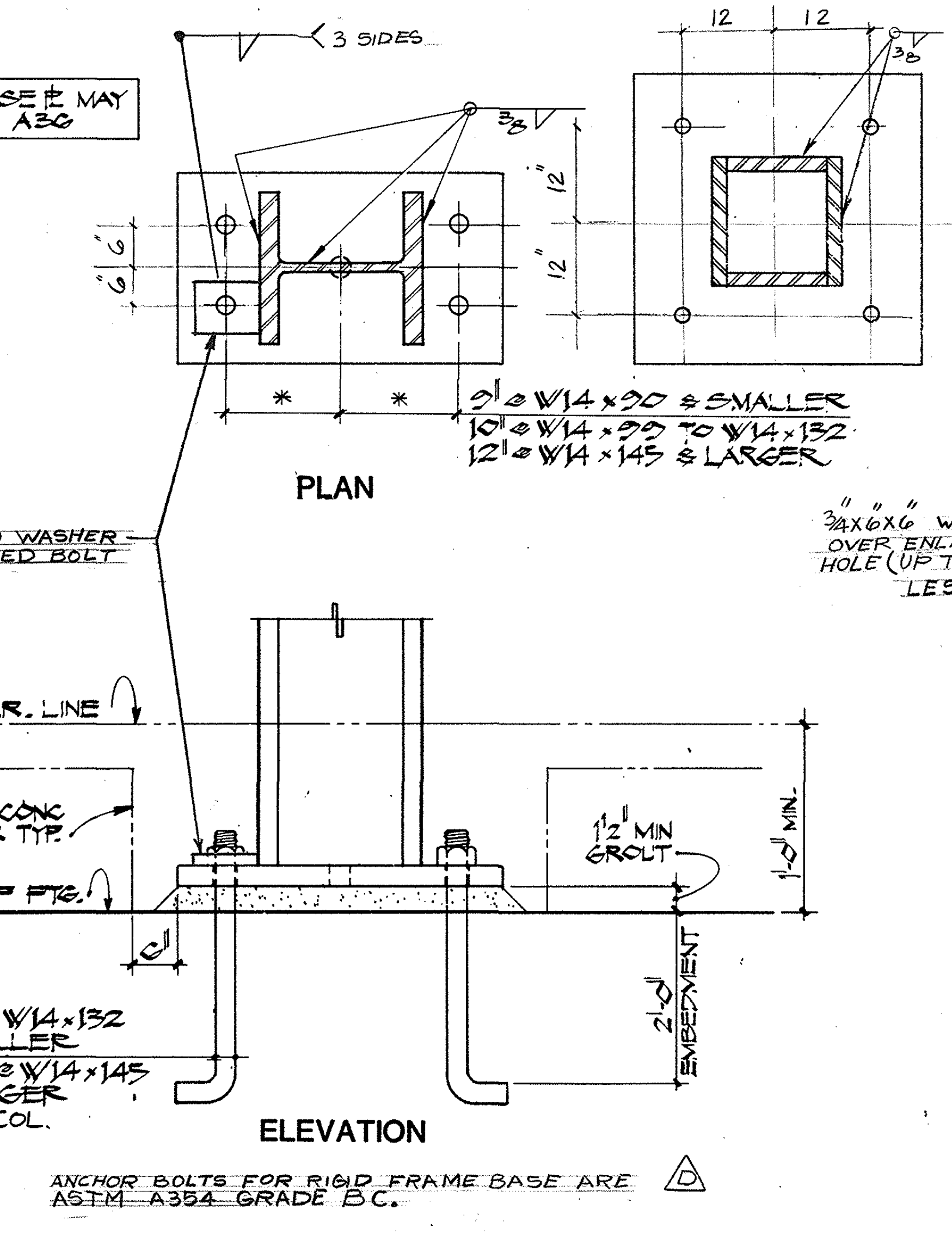
ELEVATION

SEE SCHED FOR BASE PLS AT W10x COLUMNS

SMALL COLUMN BASE PLATE

NOTE: BASE PL MAY BE ASTM A36

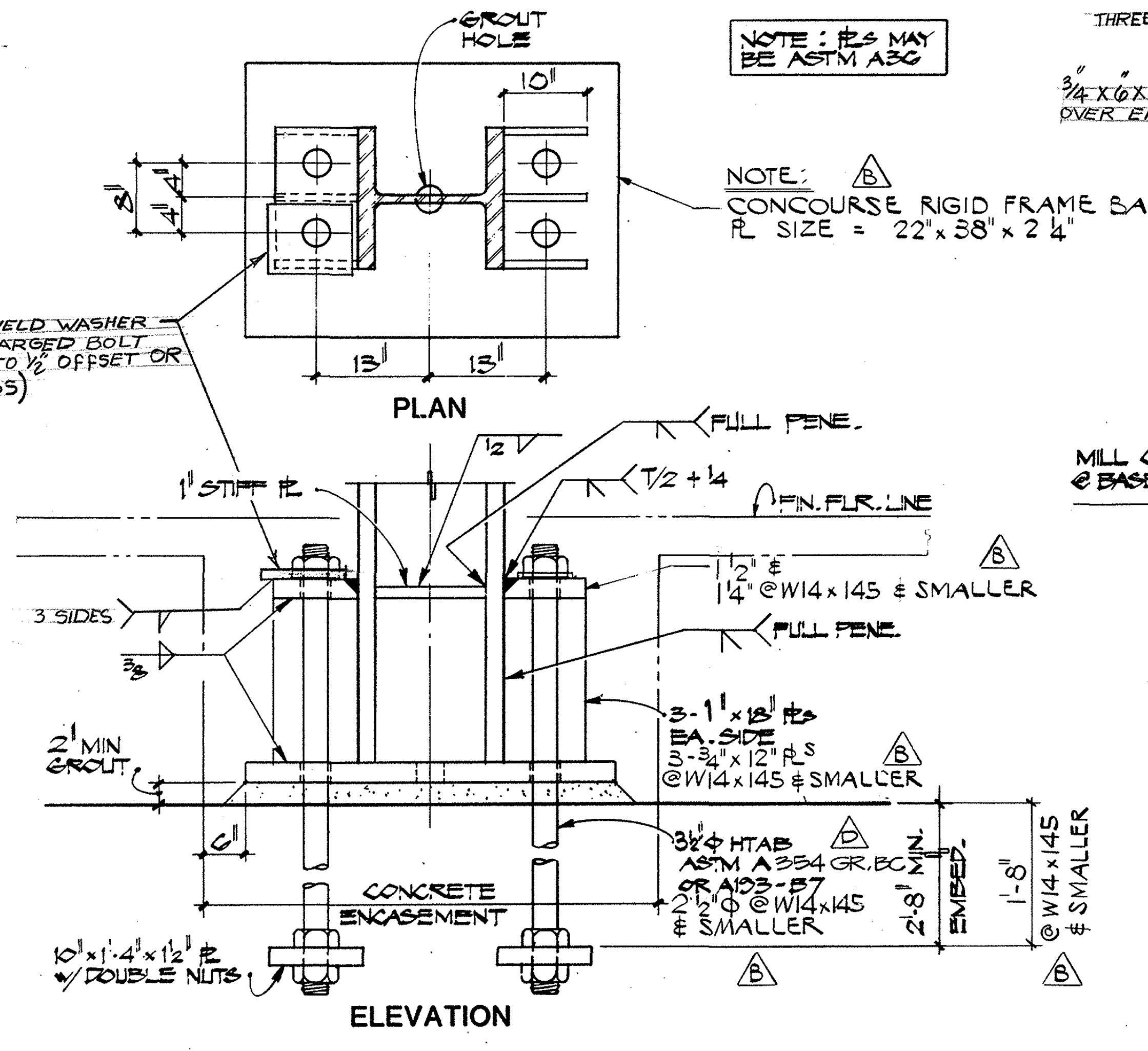
COL. SIZE	BASE PL
W10x39	14x11x1
W10x45	15x12x1
W10x49	15x14x1¼
W10x54	17x15x1¼
W10x60	18x16x1½
W10x68	19x17x1¾
W10x77	20x18x1¾



ELEVATION

ANCHOR BOLTS FOR RIGID FRAME BASE ARE ASTM A354 GRADE BC. △

TYPICAL INTERIOR BASE PLATE


GROUT HOLE
10"
NOTE: PLS MAY BE ASTM A36
NOTE: △ CONCOURSE RIGID FRAME BASE PL SIZE = 22"x38"x2¼"
3/4"x6"x6" WELD WASHER OVER ENLARGED BOLT HOLE (UP TO ½" OFFSET OR LESS)
13"
13"
PLAN
1" STIFF PL
½
T/2 + ¼
FULL PENE.
FIN. FLR. LINE
1½" @ W14x145 & SMALLER △
FULL PENE.
3 SIDES
3/8
2" MIN GROUT
3-1"x18" PLS EA. SIDE
3-¾"x12" PLS @ W14x145 & SMALLER △
6"
CONCRETE ENCASEMENT
3¼"φ HTAB ASTM A354 GR. BC OR A193-B7
2½"φ @ W14x145 & SMALLER △
1'-8" EMBED.
@ W14x145 & SMALLER
10"x1'-4"x1½" PL W/ DOUBLE NUTS
△
△

ELEVATION

RIGID FRAME BASE PLATE

			AS BUILT										△D	4-5-82	ADDENDUM D	△B	3-19-82	ADDENDUM "B"	F
										△1	6-1-82		△1	6-1-82	BLDG DEPT. CORRECTION	△C	3-31-82	ADDENDUM C	

Welton L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

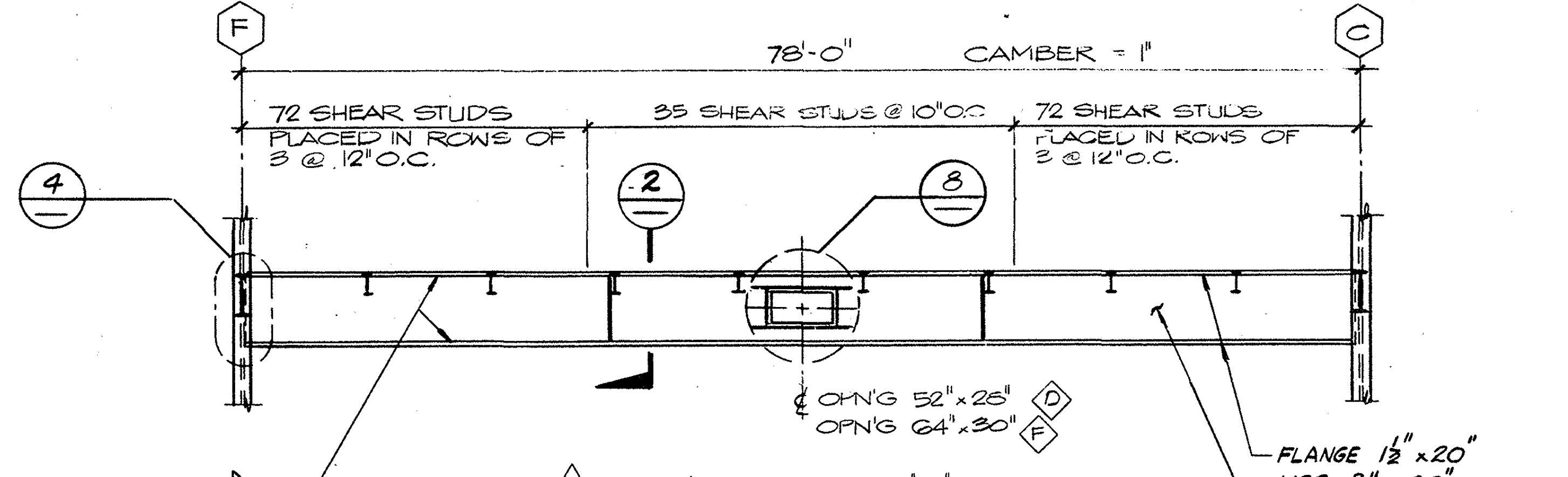
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title TYPICAL STEEL CONNECTION DETAILS
Department of Airports Drawing No. 82001-600

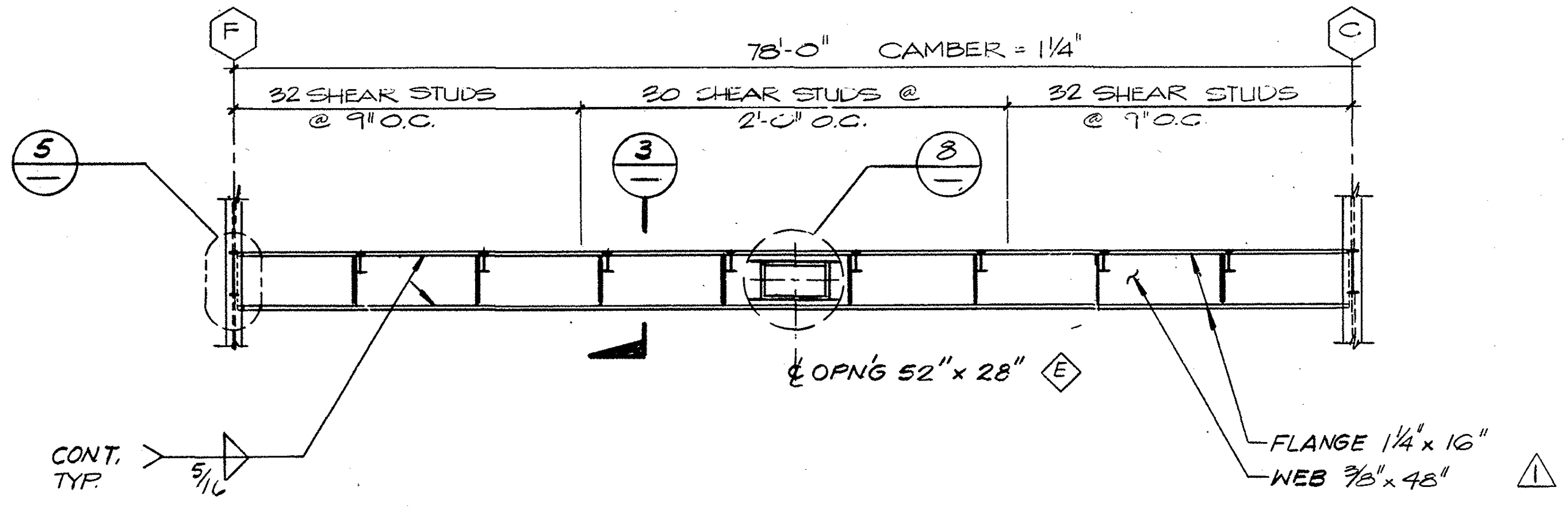
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S4.1.1
Sheet of Sheets

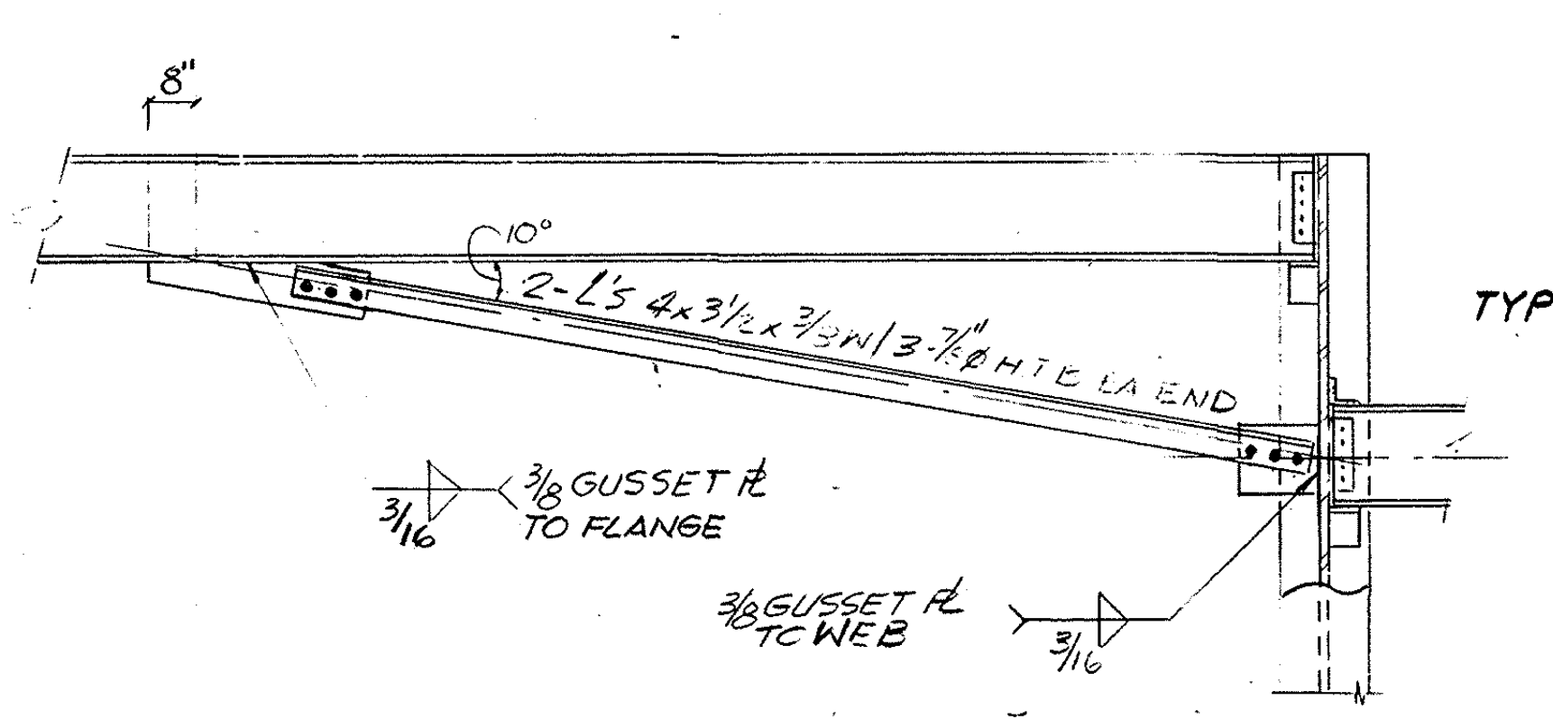

F
C
78'-0"
CAMBER = 1"
72 SHEAR STUDS PLACED IN ROWS OF 3 @ 12" O.C.
35 SHEAR STUDS @ 10" O.C.
72 SHEAR STUDS PLACED IN ROWS OF 3 @ 12" O.C.
4
2
8
℄ OPN'G 52"×28" D
OPN'G 24"×30" F
FLANGE 1 3/8" × 20"
WEB 3/8" × 60"
CONT. TYP.
5/16

D ℞ GIRDER "A"
1/8" = 1'-0"

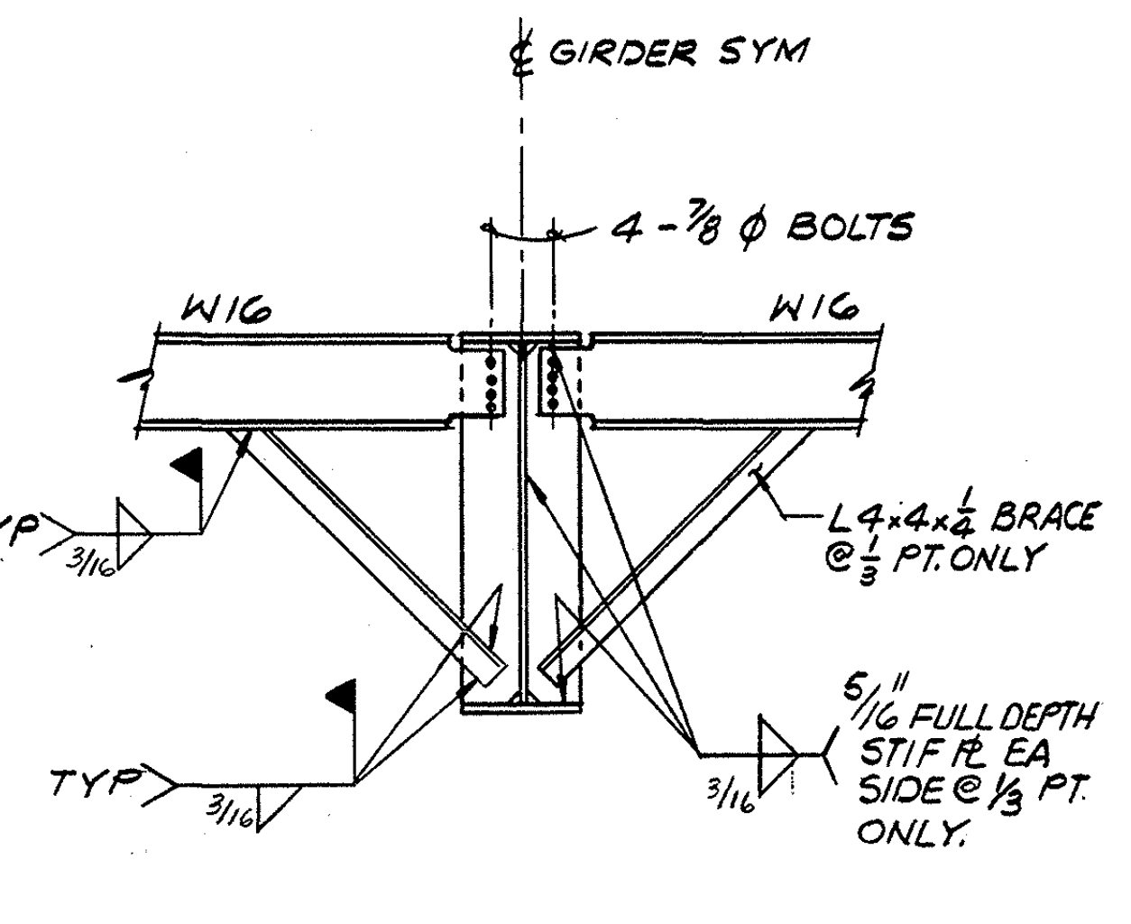
NOTES:
1. STAGGER SINGLE LINES OF STUDS FROM SIDE TO SIDE.
2. ALSO SEE 3/S4.2.1 FOR STUDS.
3. SEE 8/S4.1.2 FOR REINF'G. AROUND OPN'GS.



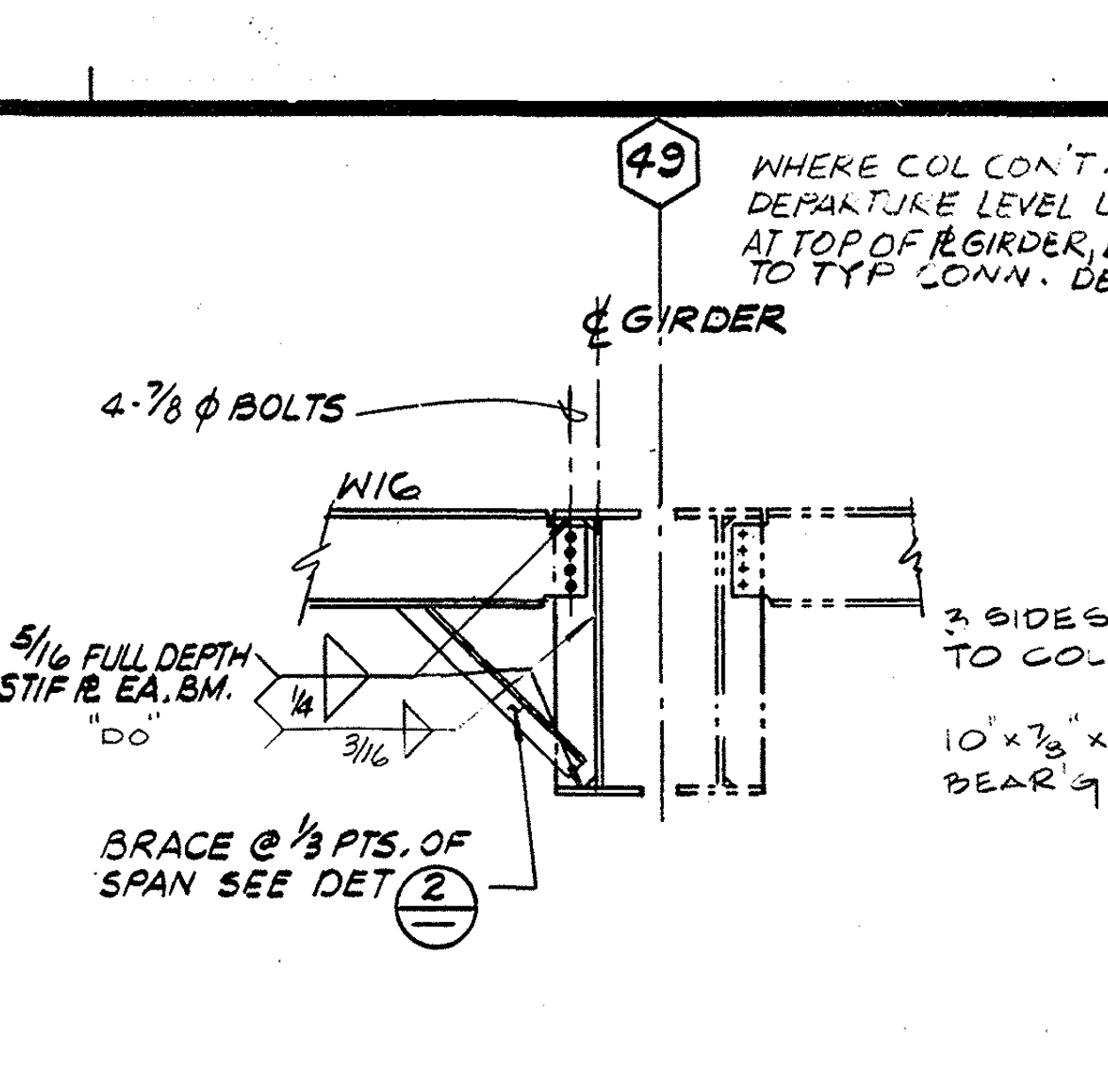
D ℞ GIRDER "B"
1/8" = 1'-0"



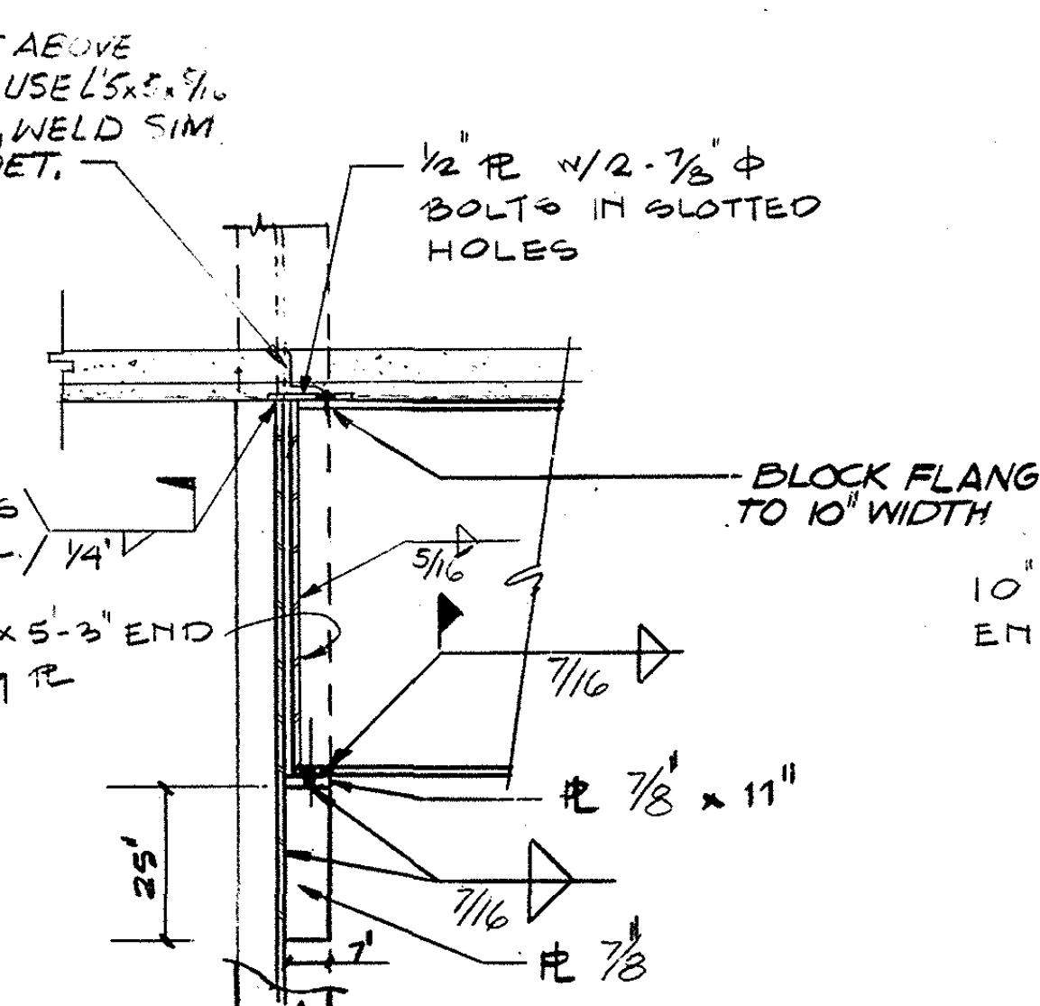
DETAIL 1


℄ GIRDER SYM
4-7/8 φ BOLTS
W16
W16
L4×4×1/2 BRACE @ 1/3 PT. ONLY
5/16 FULL DEPTH STIF. ℞ EA. SIDE @ 1/3 PT. ONLY.
TYP
3/16

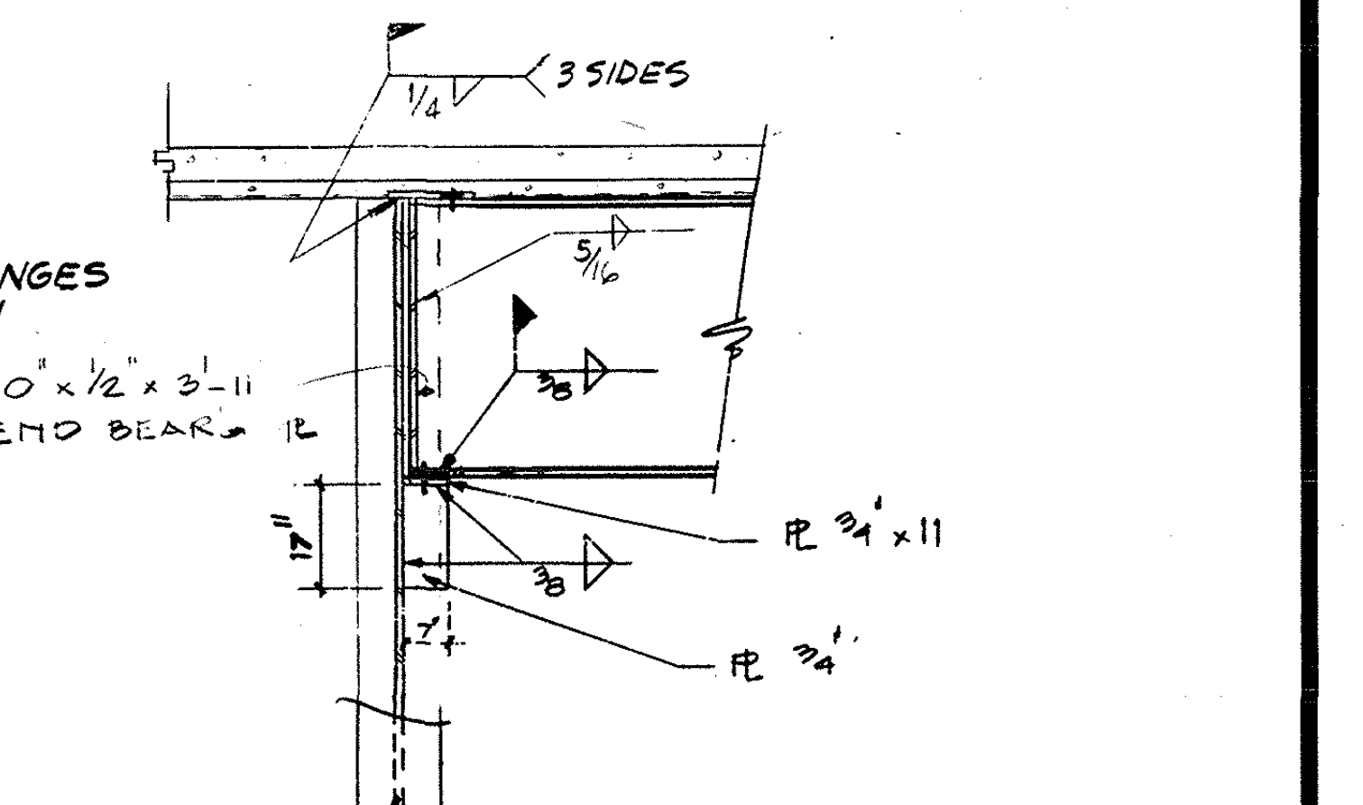
DETAIL 2
3/8" = 1'-0"


43
WHERE COL CONT. ABOVE DEPARTURE LEVEL USE 6×6×1/2 AT TOP OF ℞ GIRDER, WELD SIM TO TYP CONN. DET.
℄ GIRDER
4-7/8 φ BOLTS
W16
5/16 FULL DEPTH STIF. ℞ EA. BM. "DO"
BRACE @ 1/3 PTS. OF SPAN SEE DET 2
3/16

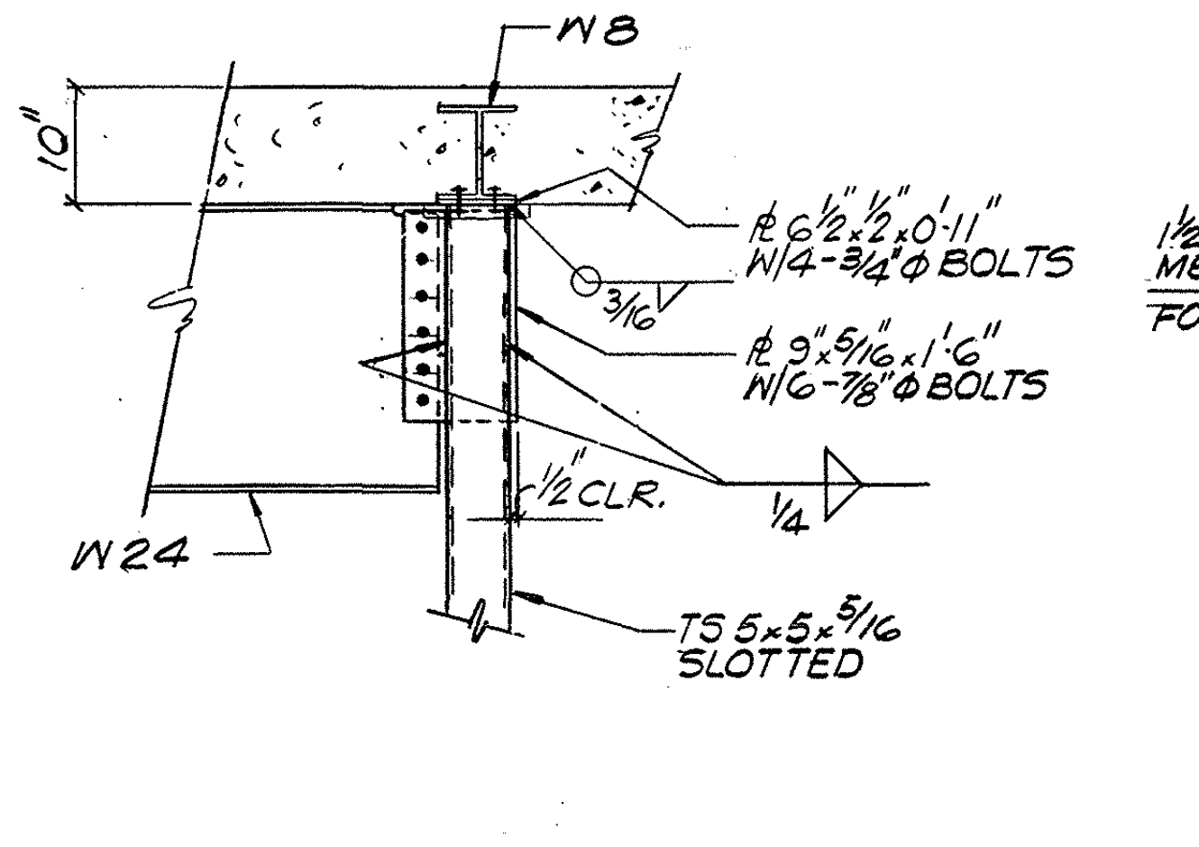
DETAIL 3
3/8" = 1'-0"


1/2" ℞ W/2-7/8" φ BOLTS IN SLOTTED HOLES
BLOCK FLANGES TO 10" WIDTH
3 SIDES TO CO-/1/4"
10"×7/8"×5-3" END BEAR'G ℞
℞ 7/8" × 11"
25"
5/16
7/16

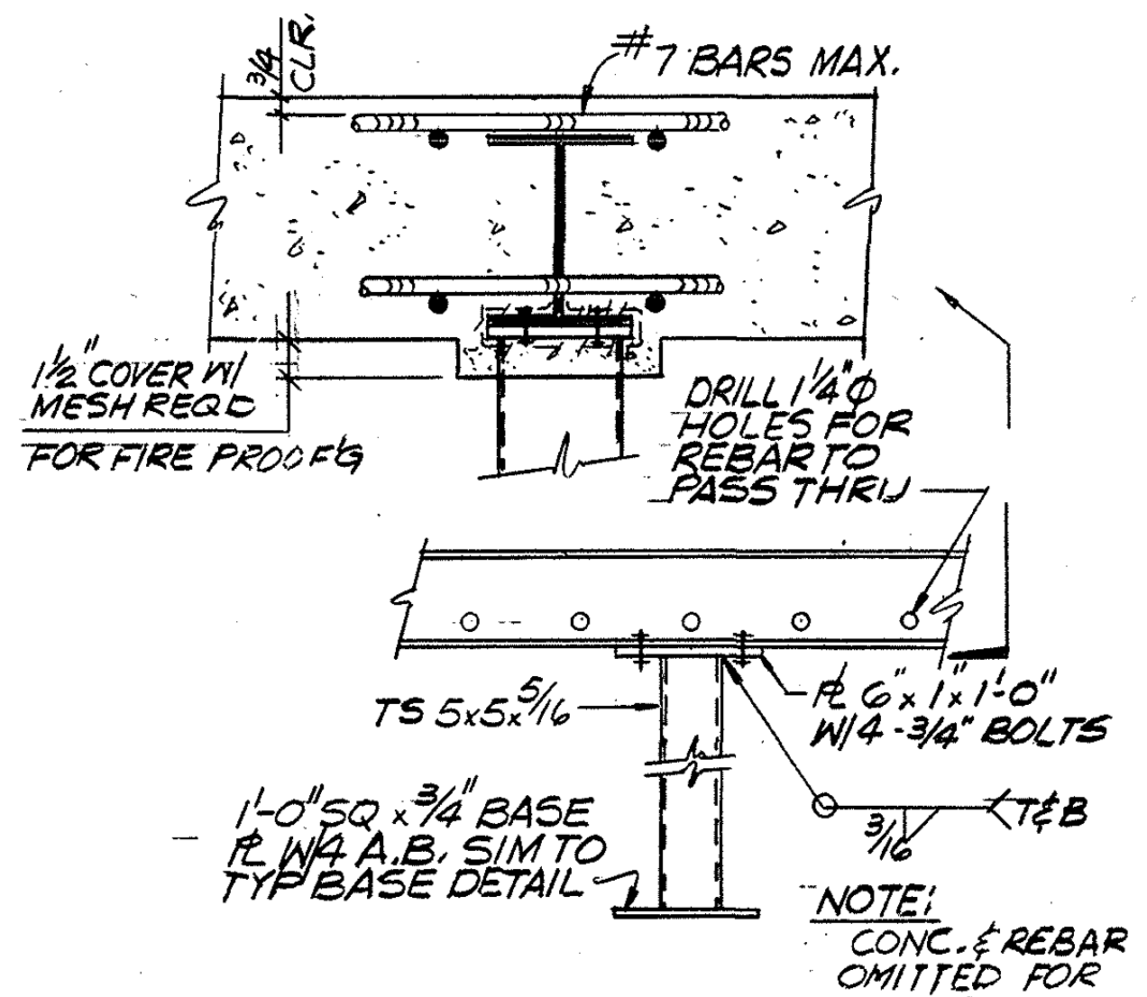
DETAIL 4
3/8" = 1'-0"



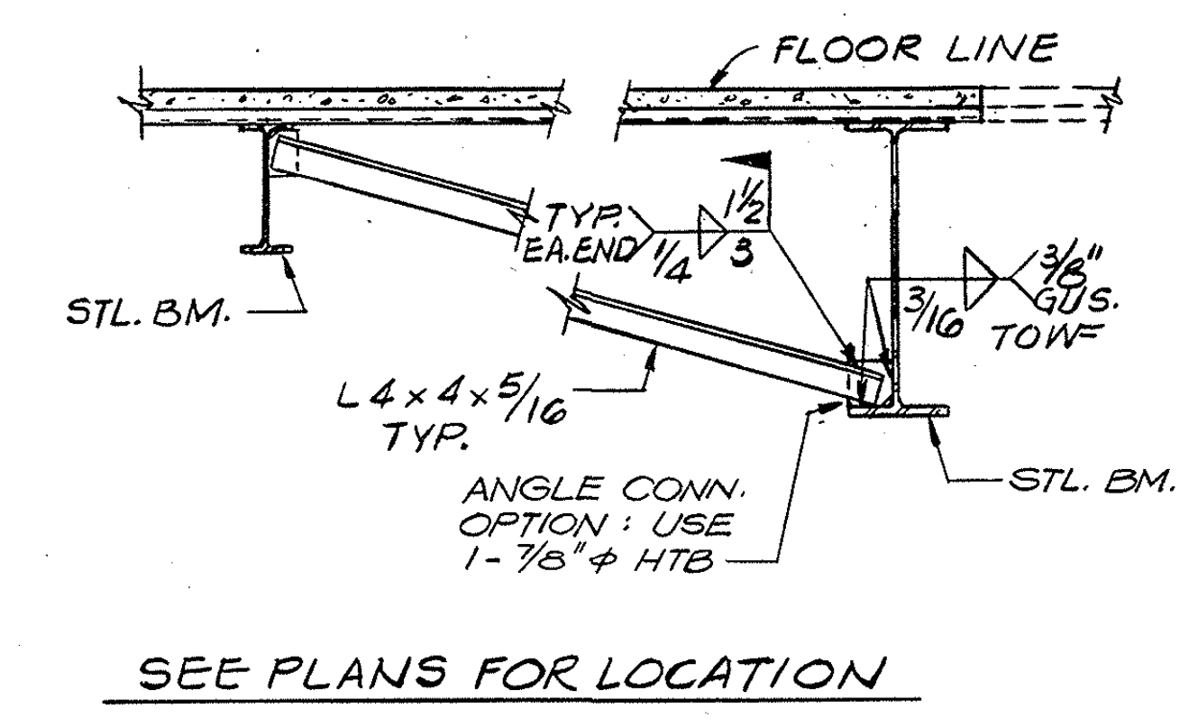
DETAIL 5
3/8" = 1'-0"


W8
10"
℞ 6 1/2×1/2×0'-11" W/4-3/4 φ BOLTS
℞ 9×5/16×1'-6" W/6-7/8 φ BOLTS
1 1/2" CLR.
W24
TS 5×5×5/16 SLOTTED
3/16
1/4

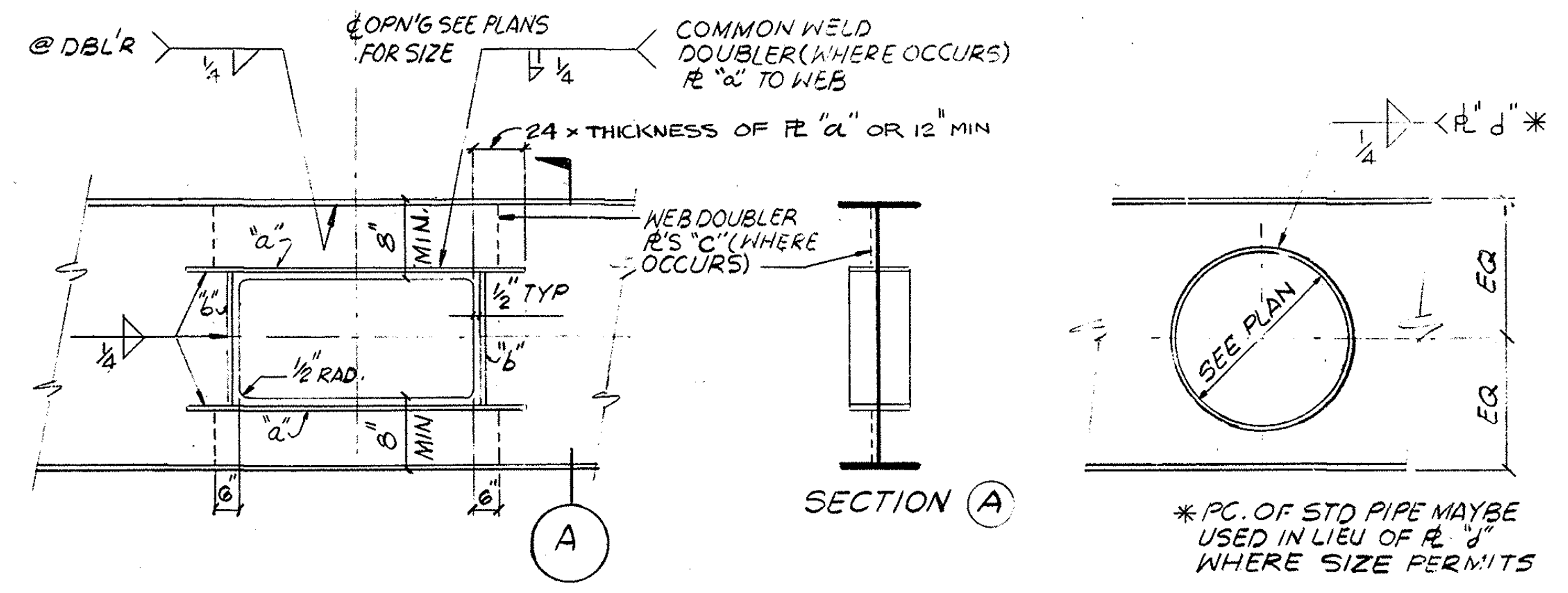
DETAIL 6
3/4" = 1'-0"


#7 BARS MAX.
1 1/2 COVER W/ MESH REQD FOR FIRE PROOF'G
DRILL 1 1/4 φ HOLES FOR REBAR TO PASS THRU
TS 5×5×5/16
℞ 6×1/2×1'-0" W/4-3/4" BOLTS
T&B
1'-0" SQ. × 3/4" BASE ℞ W/4 A.B. SIM TO TYP BASE DETAIL
NOTE: CONC. & REBAR OMITTED FOR CLARITY.

DETAIL 6A
TOP 1 1/2"=1'-0" BOT 3/4"=1'-0"

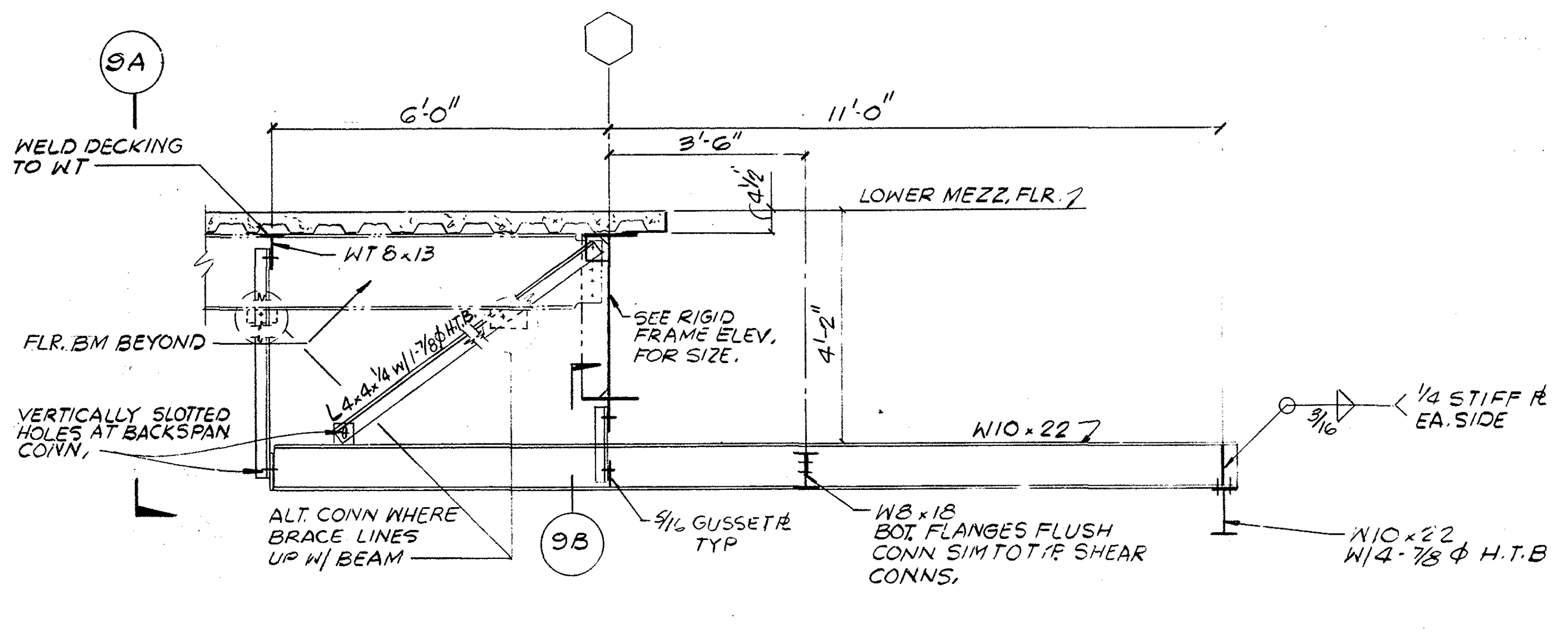


TYP. RIGID FRAME BRACE DETAIL 7
NTS

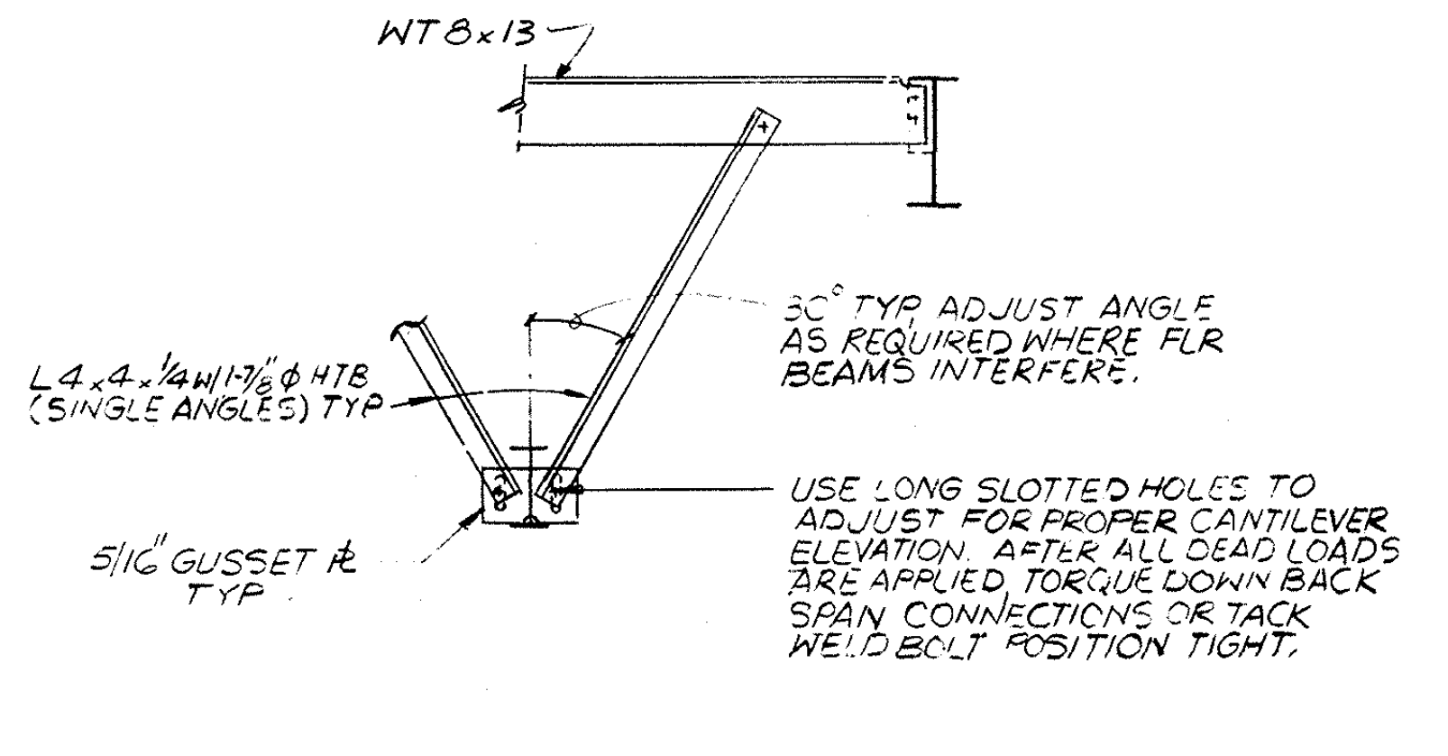

@ DBL'R
℄ OPN'G SEE PLANS FOR SIZE
COMMON WELD DOUBLER (WHERE OCCURS) ℞ "C" TO WEB
24 × THICKNESS OF ℞ "a" OR 12" MIN
WEB DOUBLER ℞'S "C" (WHERE OCCURS)
1/2" RAD.
"a"
"b"
8" MIN
6"
6"
A
SECTION A
℞ "d" *
SEE PLAN
EQ
EQ
* PC. OF STD PIPE MAYBE USED IN LIEU OF ℞ "d" WHERE SIZE PERMITS

MARK	SCHEDULE HORIZONTAL ℞'S "a" (EA. SIDE)	VERTICAL ℞'S "b" (EA. SIDE)	DOUBLER ℞'S "C"	CIRCULAR REINFORCING ℞ "d"
A				NONE
B				6" × 1/4"
C				8" × 3/8"
D	6" × 1/2"	5" × 1/4"		
E	6" × 3/4"	5" × 1/2"		
F	6" × 1"	5" × 3/8"		

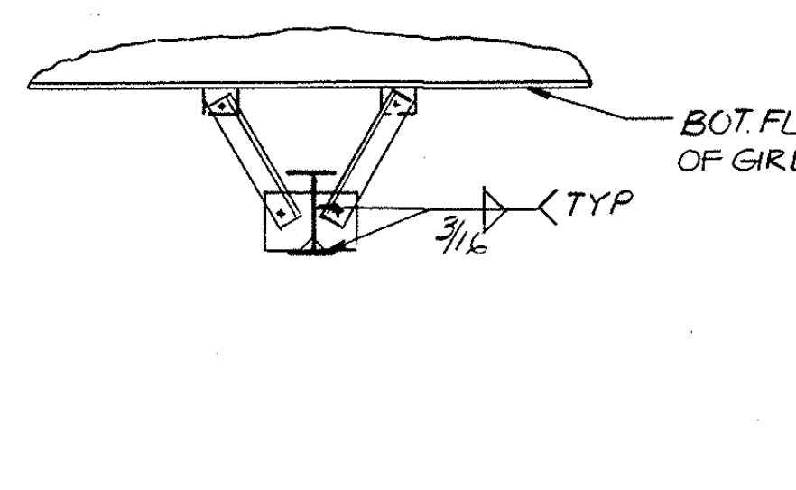
DETAIL 8
NTS


9A
WELD DECKING TO WT
6'-0"
3'-6"
11'-0"
WT 6×13
LOWER MEZZ. FLR.
FLR. BM BEYOND
SEE RIGID FRAME ELEV. FOR SIZE.
4'-2"
VERTICALLY SLOTTED HOLES AT BACKSPAN CONN.
W10×22
1/2 STIFF ℞ EA. SIDE
ALT CONN WHERE BRACE LINES UP W/ BEAM
9B
5/16 GUSSET ℞ TYP
W8×18 BOT. FLANGES FLUSH CONN SIM TO TYP SHEAR CONNS.
W10×22 W/4-7/8 φ H.T.B

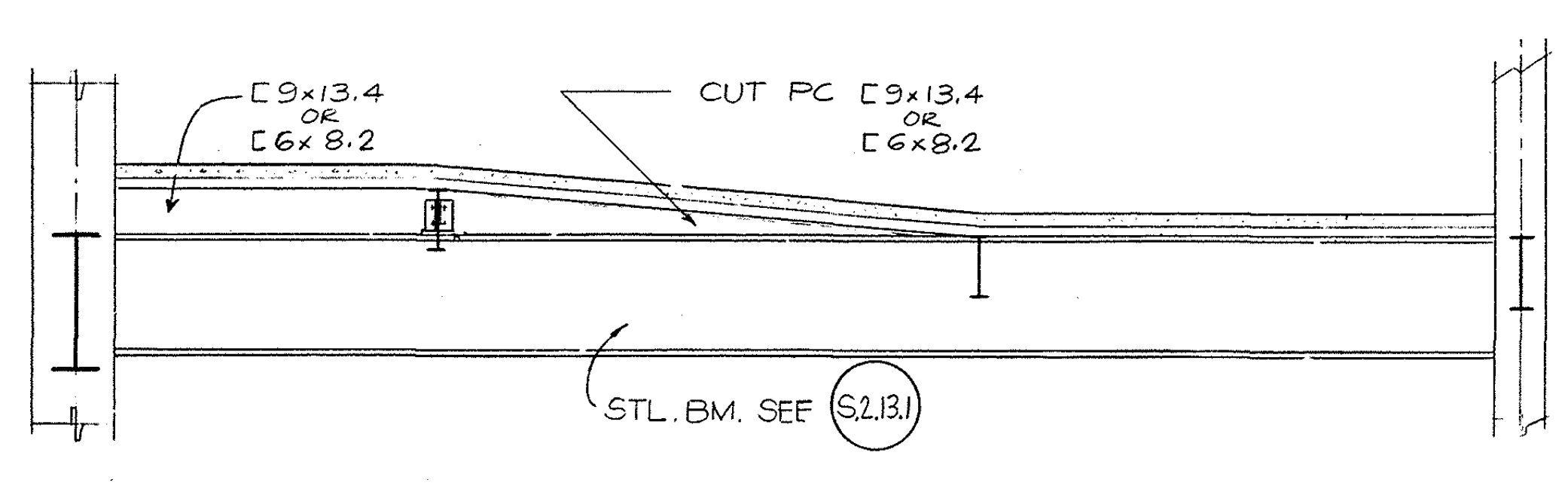
DETAIL 9
1/2" = 1'-0"


WT 6×13
30° TYP ADJUST ANGLE AS REQUIRED WHERE FLR BEAMS INTERFERE.
L4×4×1/4 W/1-7/8 φ HTB (SINGLE ANGLES) TYP
5/16 GUSSET ℞ TYP
USE LONG SLOTTED HOLES TO ADJUST FOR PROPER CANTILEVER ELEVATION. AFTER ALL DEAD LOADS ARE APPLIED, TORQUE DOWN BACK SPAN CONNECTIONS OR TACK WELD BOLT POSITION TIGHT.

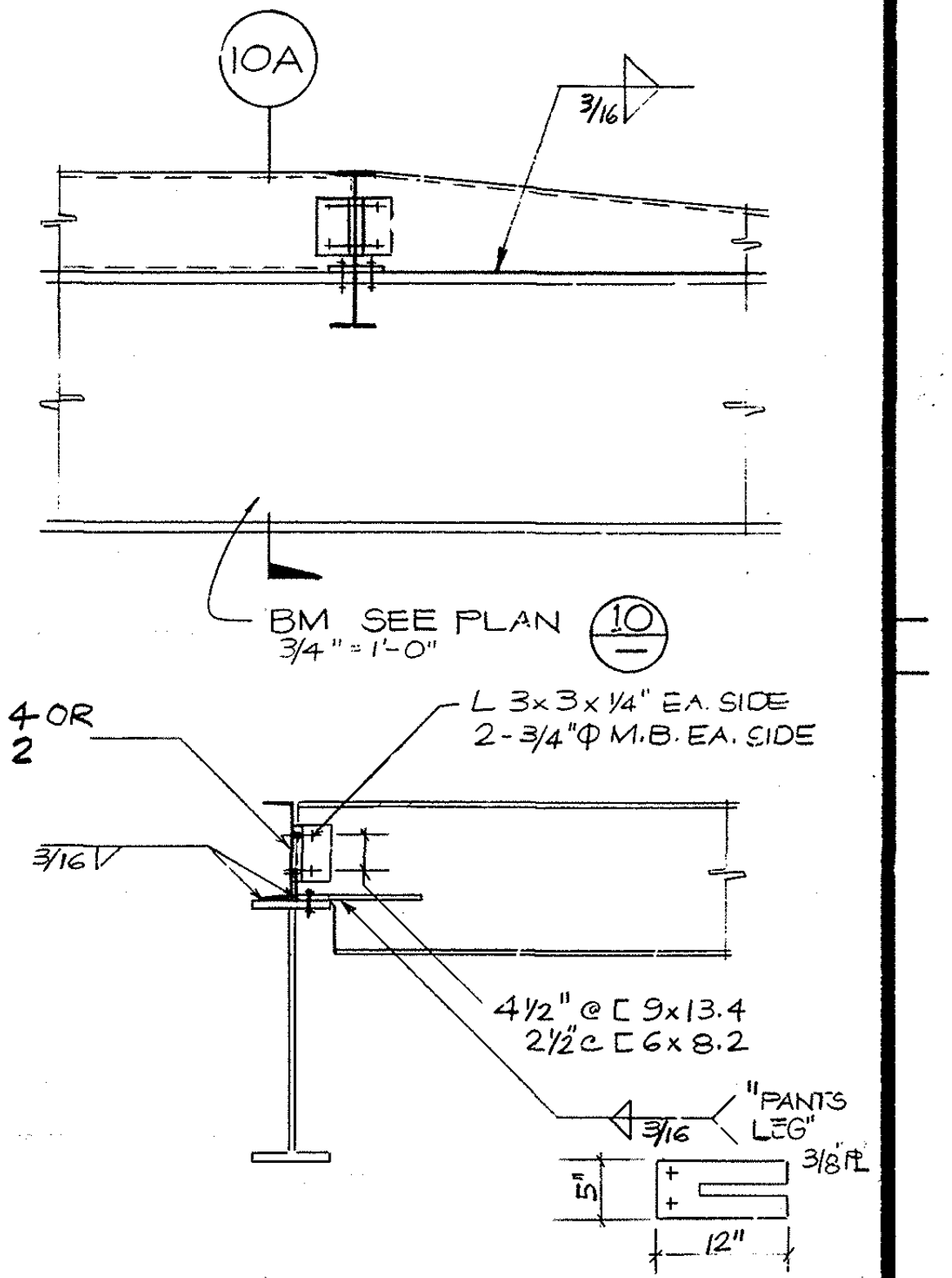
DETAIL 9A
1/2" = 1'-0"



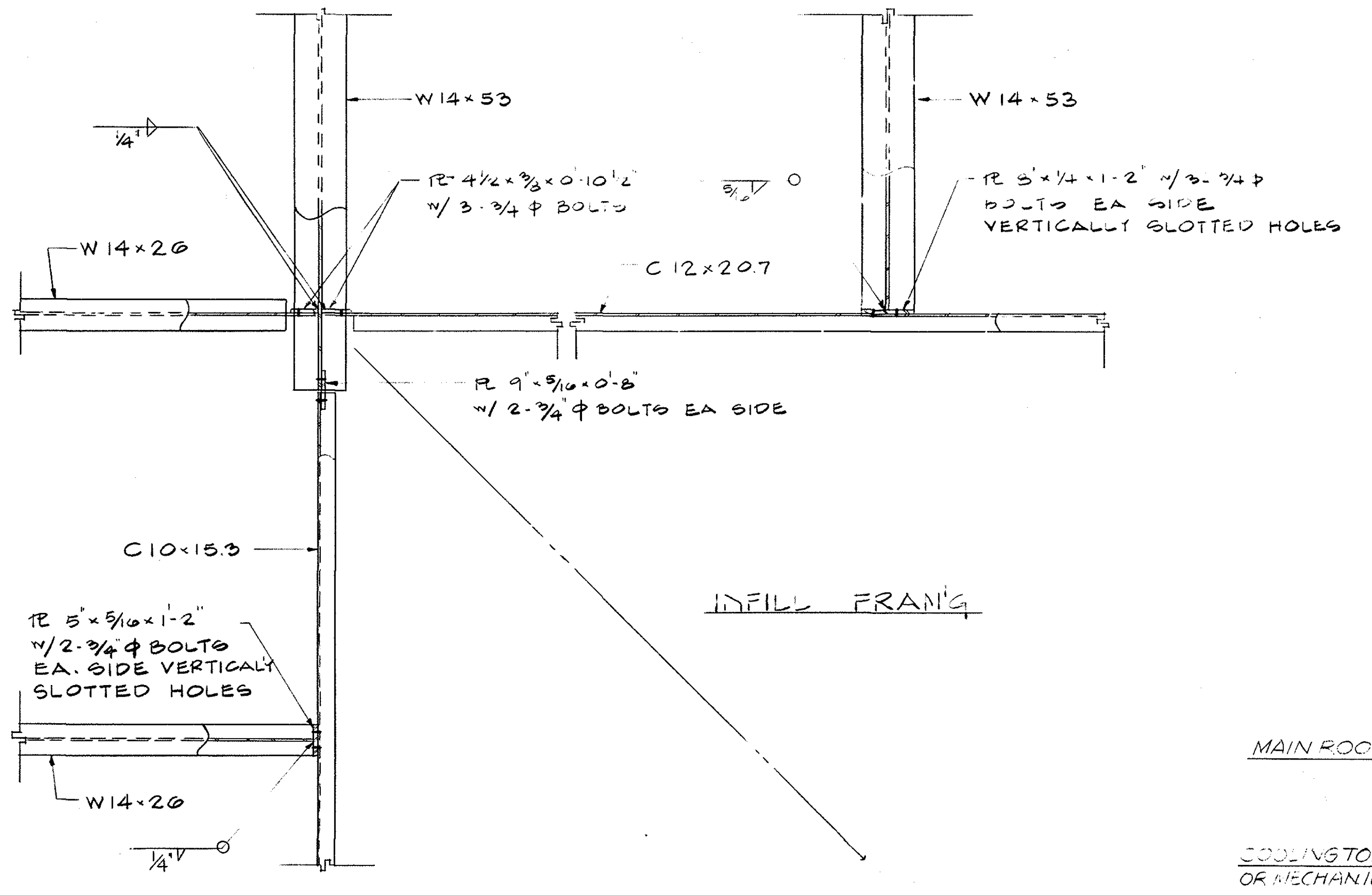
DETAIL 9B
1/2" = 1'-0"



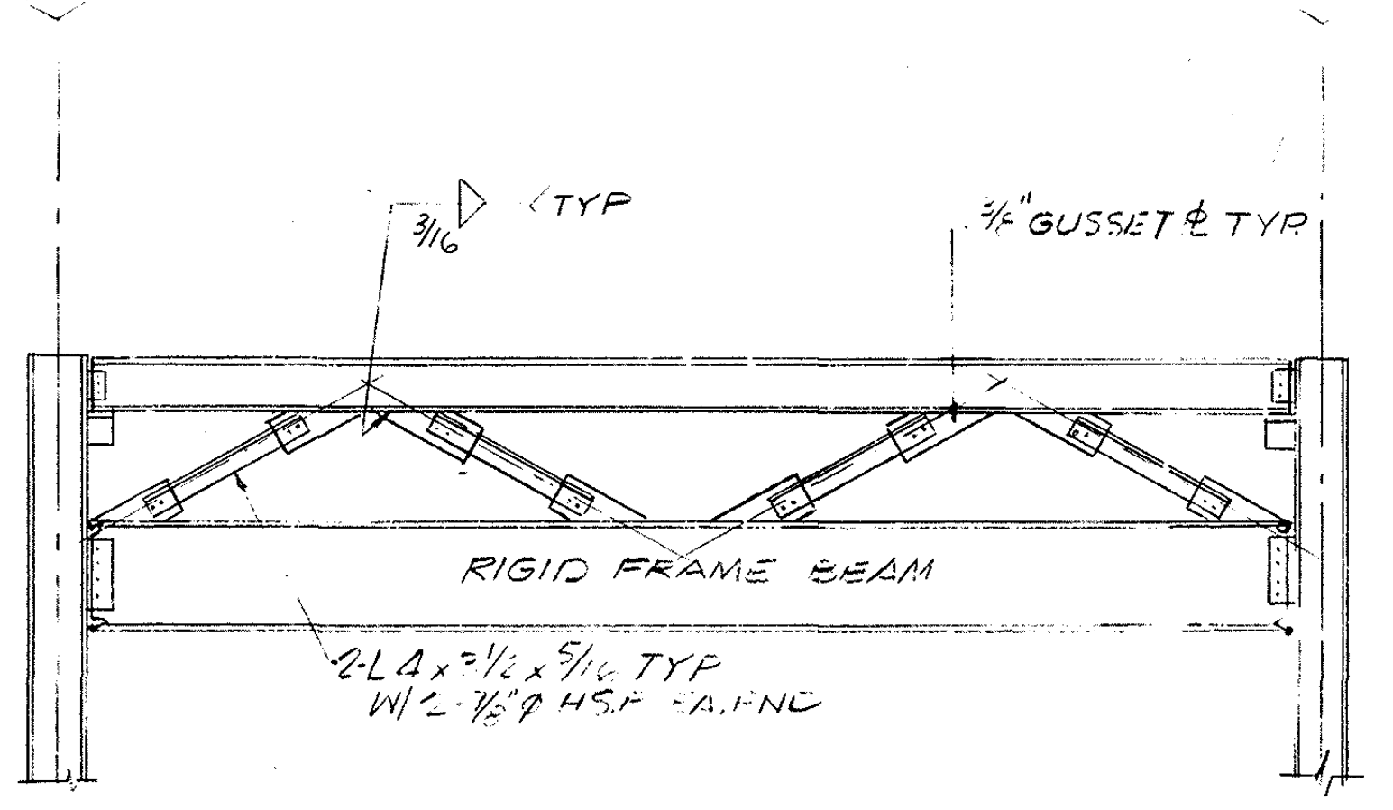
DETAIL 10
3/8" = 1'-0"



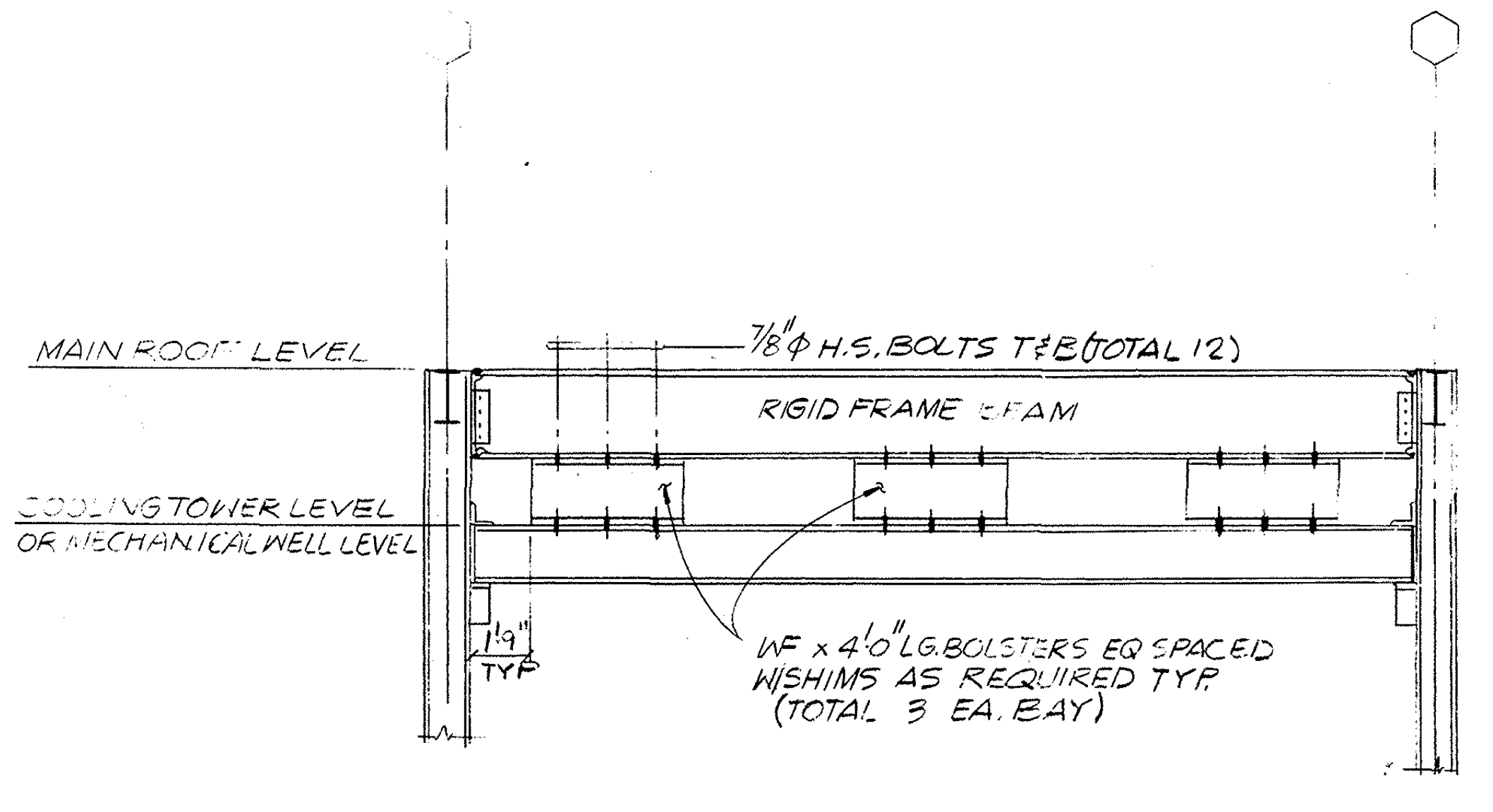
DETAIL 10A
3/4" = 1'-0"


W14×53
W14×53
1/4
W14×26
℞ 4 1/2×3/8×0-10 1/2 W/3-3/4 φ BOLTS
℞ 5×1/4×1-2 W/3-3/4 φ BOLTS EA SIDE VERTICALLY SLOTTED HOLES
C12×20.7
℞ 9×5/16×0-8 W/2-3/4 φ BOLTS EA SIDE
C10×15.3
INFILL FRAM'G
℞ 5×5/16×1-2" W/2-3/4 φ BOLTS EA. SIDE VERTICALLY SLOTTED HOLES
W14×26
1/4

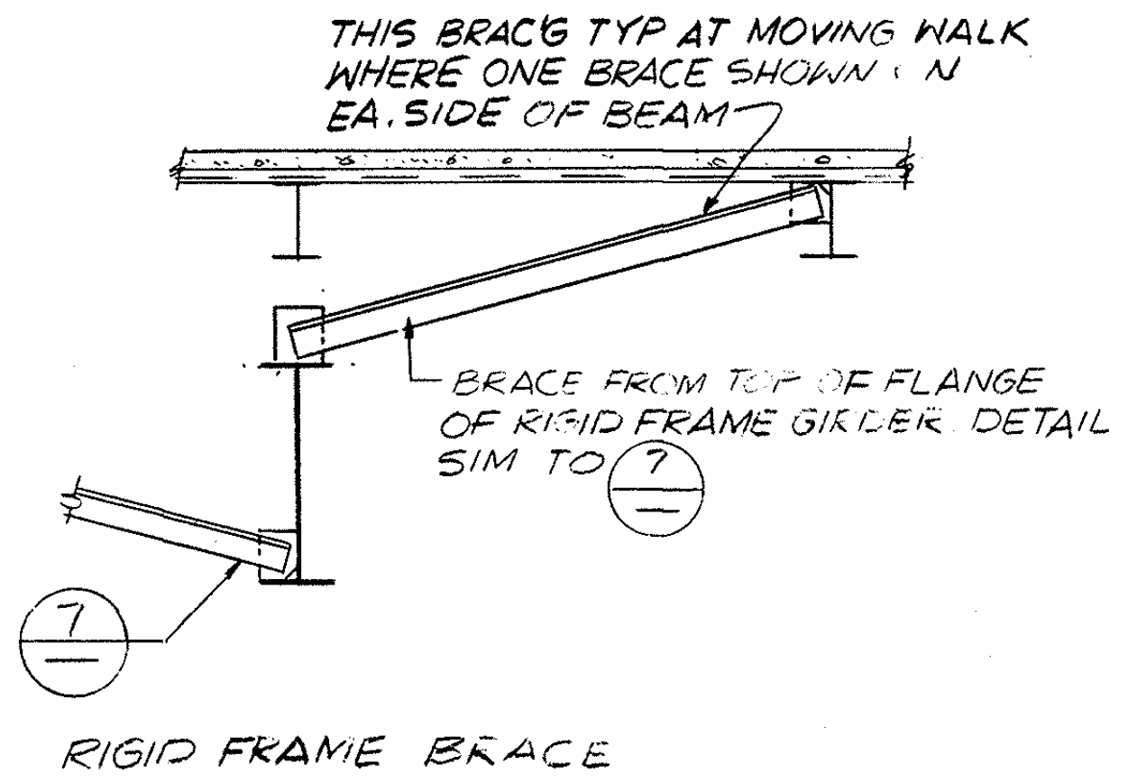
DETAIL 11
3/4" = 1'-0"



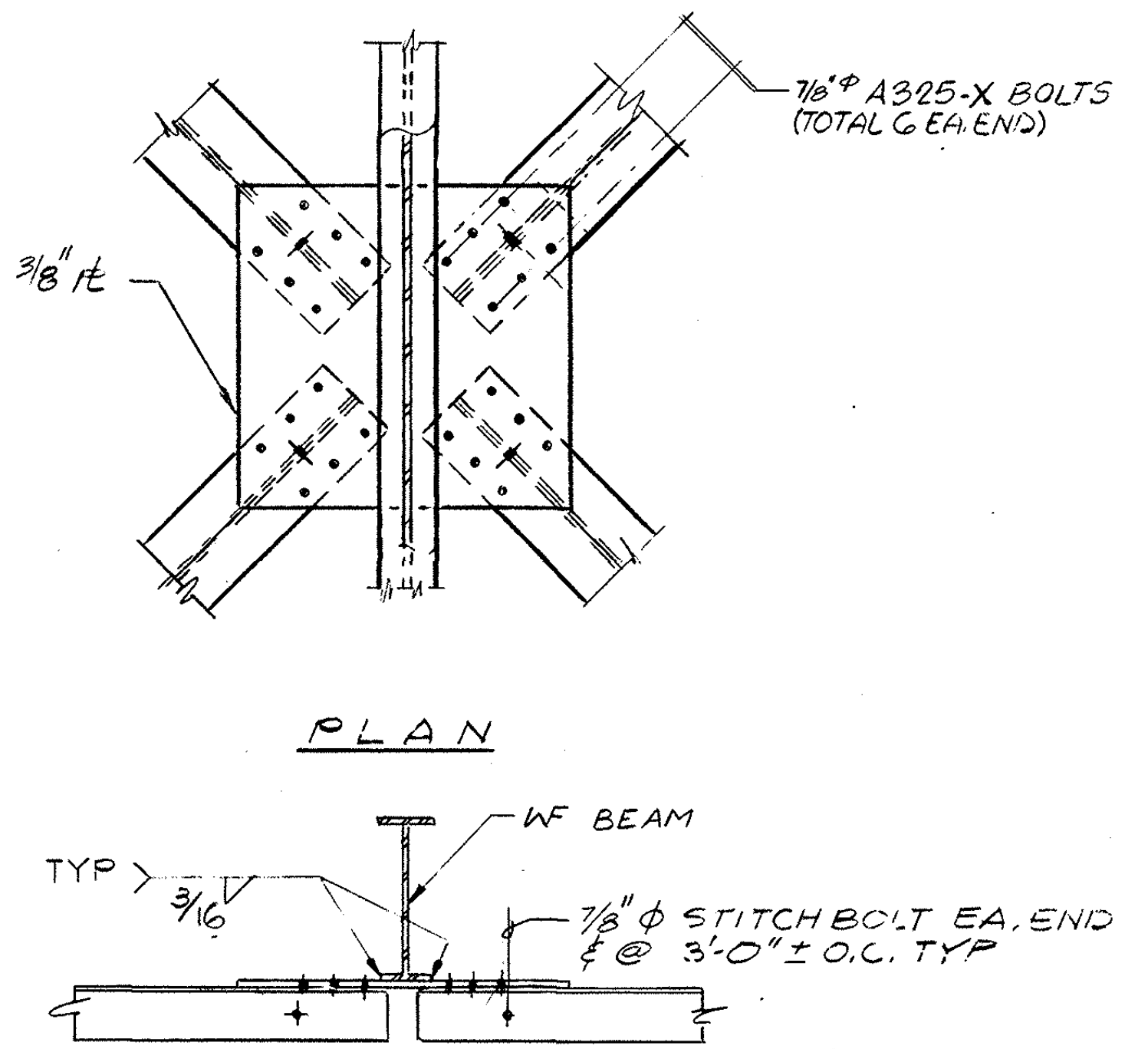
BRACING ELEVATION 12
NTS


7/8" φ H.S. BOLTS T&B (TOTAL 12)
MAIN ROOF LEVEL
RIGID FRAME BEAM
COOLING TOWER LEVEL OR MECHANICAL WELL LEVEL
1/4 TYP
WF × 4'-0" LG BOLSTERS EQ SPACED W/SHIMS AS REQUIRED TYP (TOTAL 3 EA. BAY)

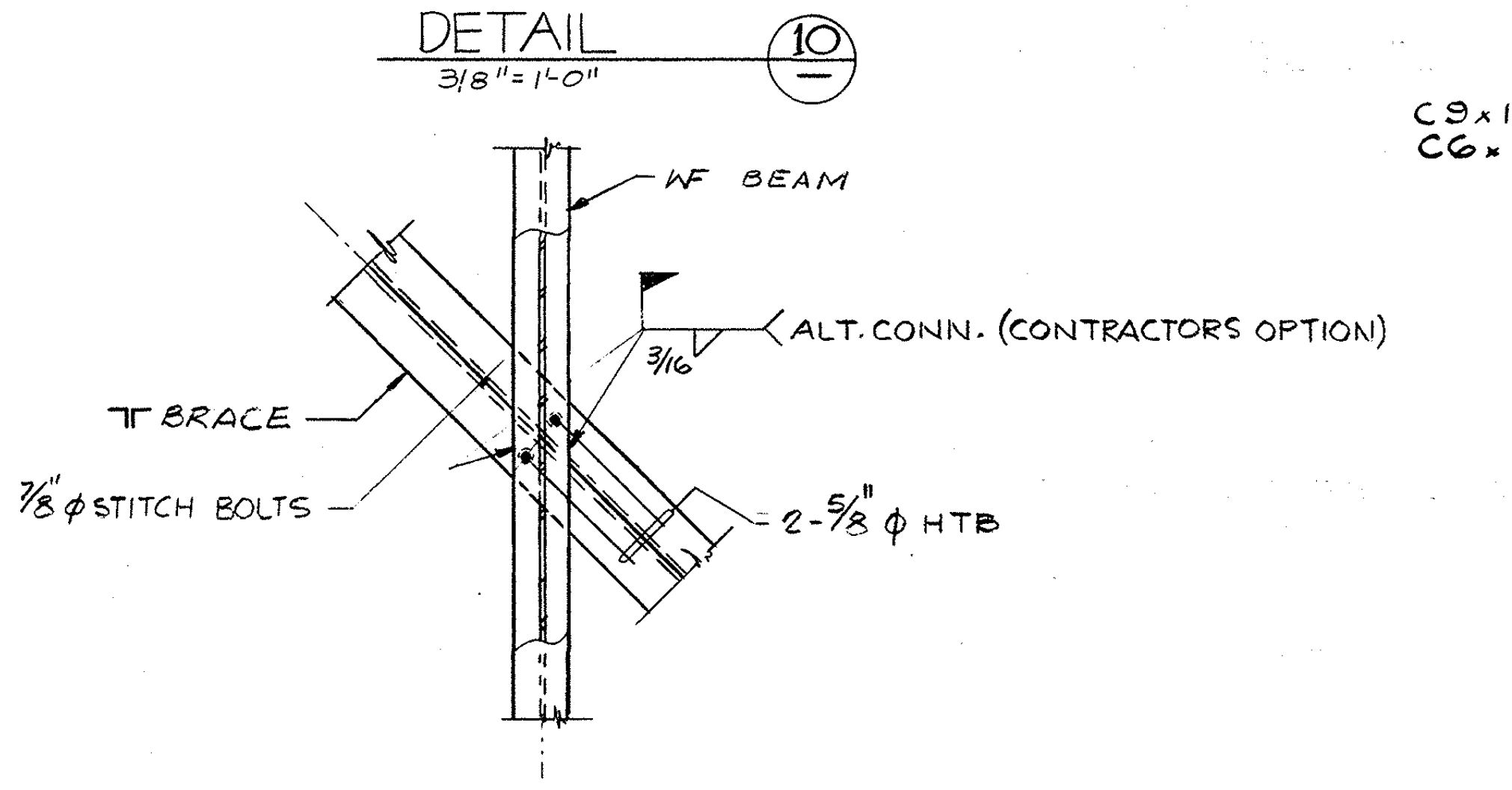
BOLSTER ELEVATION 13
NTS


THIS BRAC'G TYP AT MOVING WALK WHERE ONE BRACE SHOWN IN EA. SIDE OF BEAM
BRACE FROM TOP OF FLANGE OF RIGID FRAME GIRDER DETAIL SIM TO 7
7

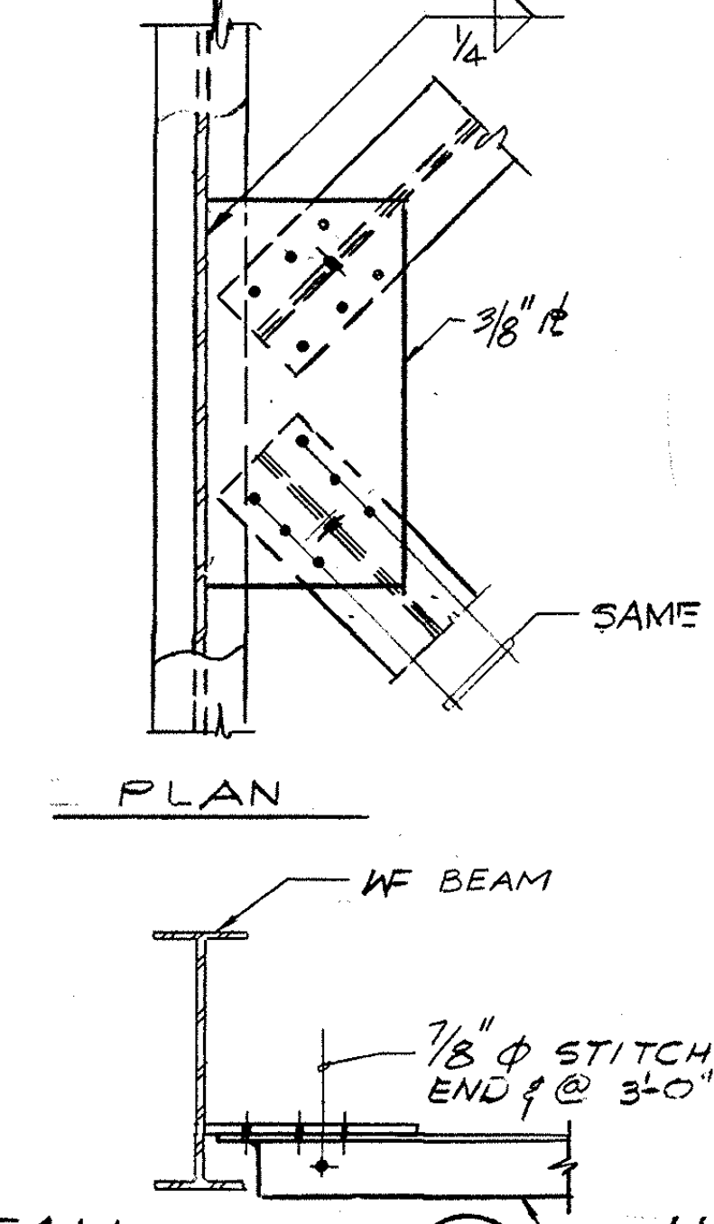
RIGID FRAME BRACE AT MOVING WALK 14
NTS


7/8" φ A325-X BOLTS (TOTAL 6 EA. END)
3/8" ℞
PLAN
TYP
3/16
WF BEAM
7/8" φ STITCH BOLT EA. END & @ 3'-0" ± O.C. TYP

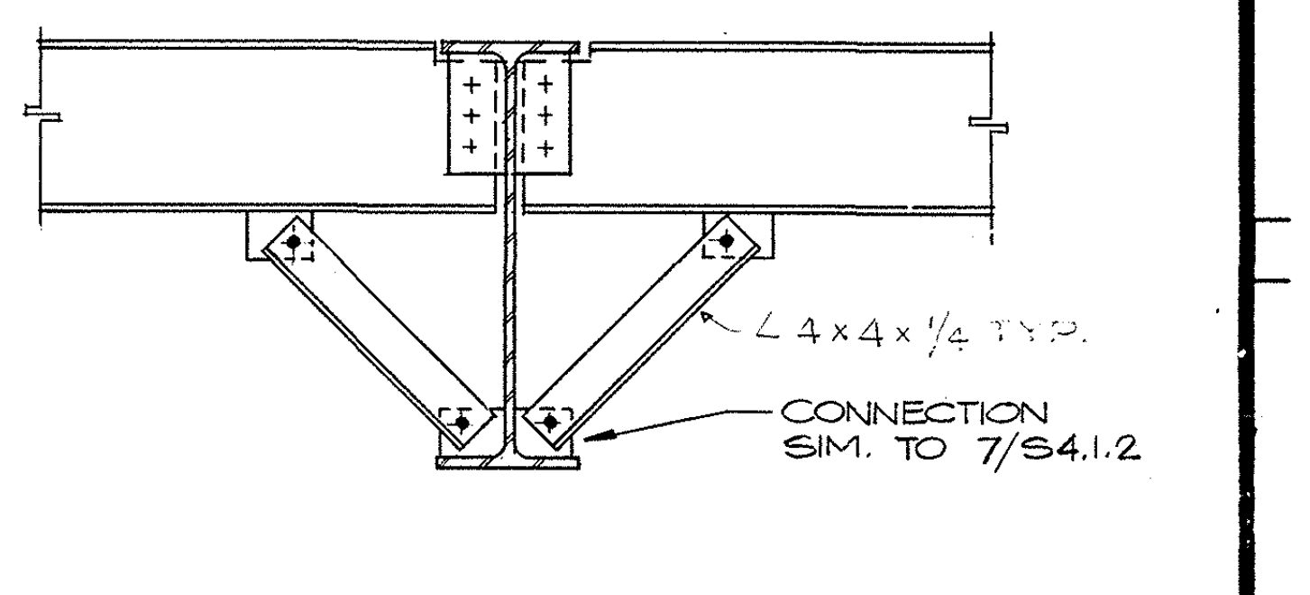
DETAIL 15
NTS



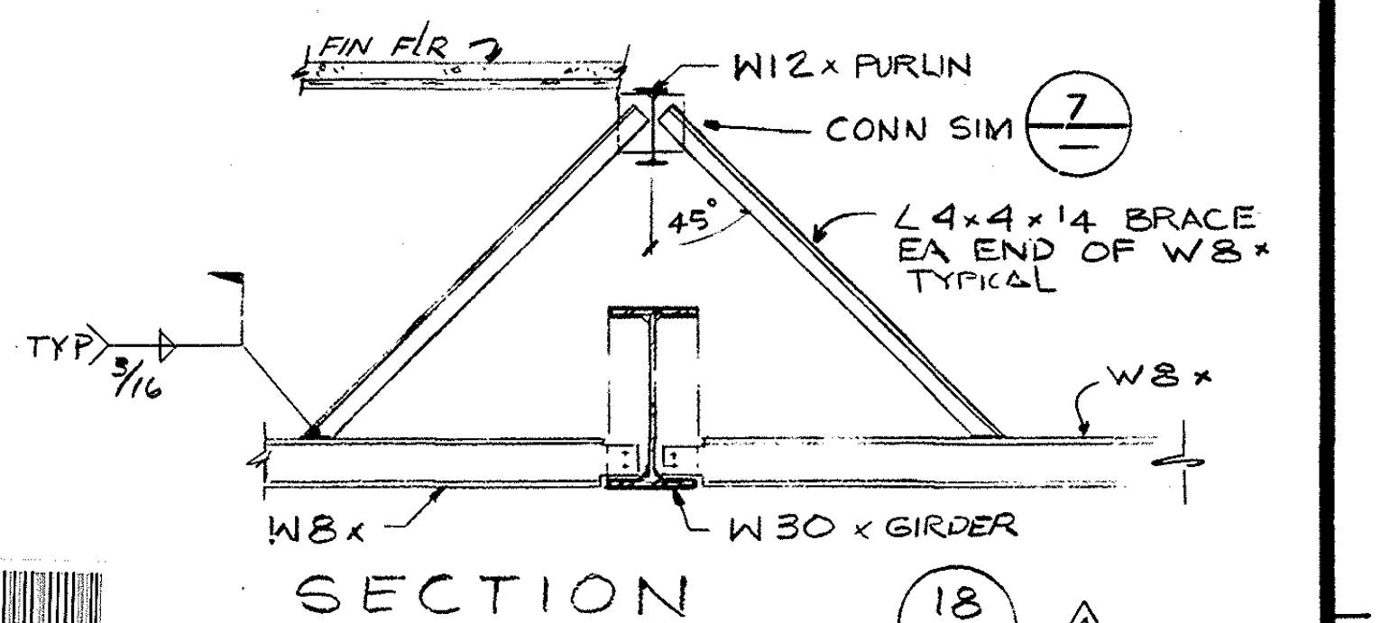
DETAIL 16
NTS



DETAIL 17
NTS



BEAM BRACE 18
NTS



SECTION 18

AS BUILT		
4 3/30/82	CONCOURSE GATE REV'S.	
1 6-1-82	BLDG DEPT. CORRECTIONS	
C 3-31-82	ADDENDUM C	
D 4-5-82	ADDENDUM D	
B 3-15-82	ADDENDUM B	
F		

0029646

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
ITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
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City of Los Angeles Department of Airports
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West Terminal
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Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title PLATE GIRDER & STEEL CONNEC. DETAILS
Department of Airports Drawing No. 82001-600

Designed By DLD
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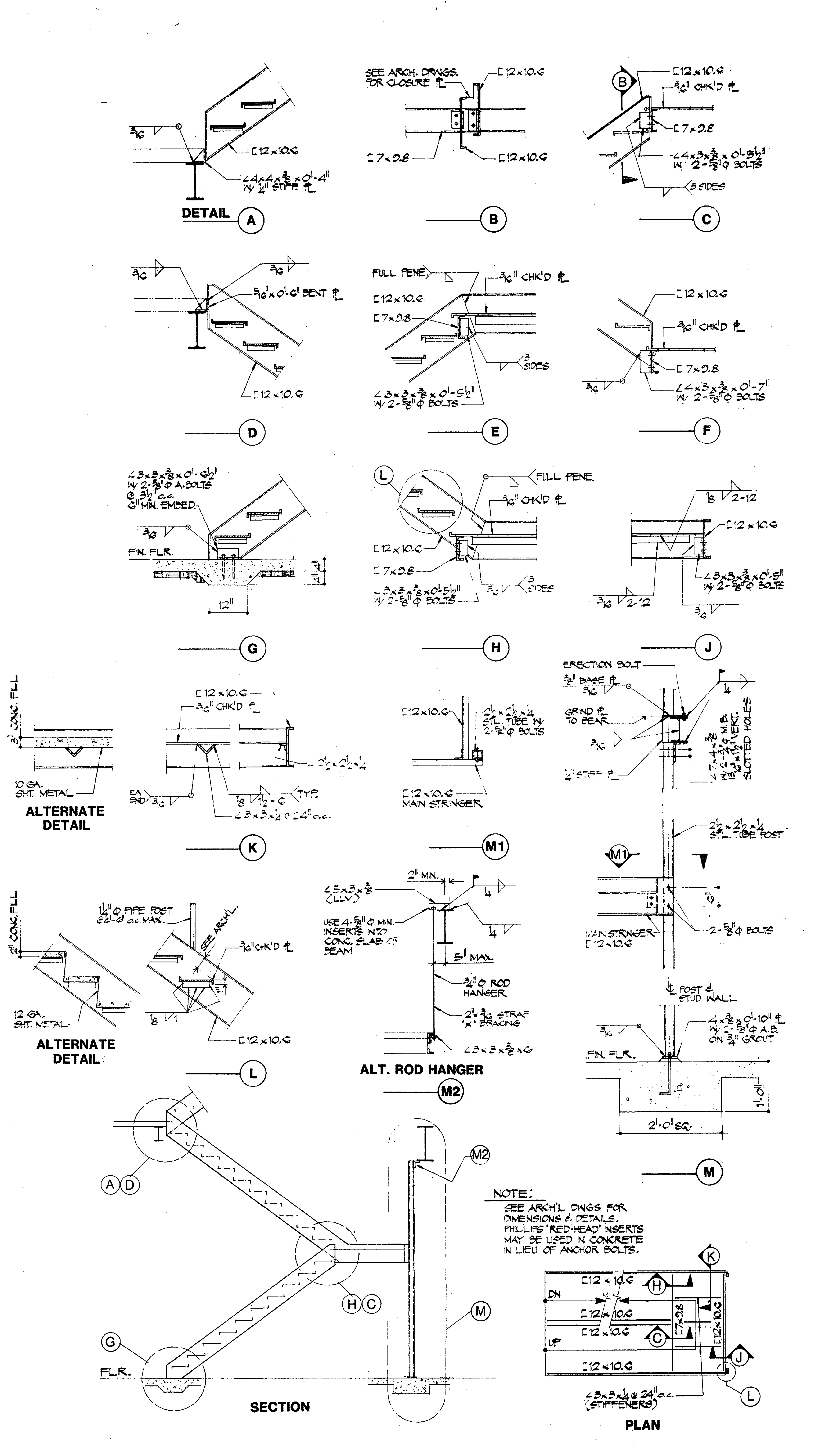
PDSW Project No. 79000

Drawing No. S4.1.2
Sheet of Sheets


DETAIL A
B
C
D
E
F
G
H
J
K
L
M
M1
M2
ALTERNATE DETAIL
ALT. ROD HANGER
SEE ARCH. DRWGS. FOR CLOSURE
C12×10.6
C7×9.8
L4×4×3/8×0'-4" W/ 1/4" STIFF.
L4×3×3/8×0'-5½" W/ 2-5/8"Ø BOLTS
3/16" CHK'D
FULL PENE.
3/16"×0'-6" BENT
L3×3×3/8×0'-7" W/ 2-5/8"Ø BOLTS
L3×3×3/8×0'-6½" W/ 2-3/8"Ø A. BOLTS @ 3½" o.c. 6" MIN. EMBED.
FIN. FLR.
3" CONC. FILL
10 GA. SHT. METAL
L3×3×¼×0'-4" @ 24" o.c.
C12×10.6 MAIN STRINGER
ERECTION BOLT
3/8" BASE
GRIND TO BEAR
2½×2½×¼ ST. TUBE W/ 2-5/8"Ø BOLTS
SLOTTED HOLES
2½×2½×¼ ST. TUBE POST
MAIN STRINGER C12×10.6
2-5/8"Ø BOLTS
FOST STUD WALL
4-3/4"Ø×0'-10" W/ 2-3/8"Ø A.B. ON 3/4" GRT.
2'-0" SQ.
1½"Ø PIPE POST @ 4'-0" o.c. MAX.
SEE ARCH'L
12 GA. SHT. METAL
L5×3×3/8 (LLV)
2" MIN.
USE 4-5/8"Ø MN. INSERTS INTO CONC. SLAB OF BEAM
5" MAX.
3/4"Ø ROD HANGER
2½"Ø STRAP "X" BRACING
L5×3×3/8 NG
A D
H C
G
M
M2
FLR.
SECTION
NOTE: SEE ARCH'L DWGS FOR DIMENSIONS & DETAILS. PHILLIPS "RED-HEAD" INSERTS MAY BE USED IN CONCRETE IN LIEU OF ANCHOR BOLTS.
DN
UP
L3×3×¼ @ 24" o.c. (STIFFENERS)
PLAN

TYPICAL STEEL STAIR DETAILS 6

DECK LOCATION	MANUFACTURER	REQ. LATERAL SHEAR RESISTANCE	DECK (GAGE / PLAN)	L. A. CITY RR #
CANOPIES, P.H. ROOFS, MAIN ROOFS	1. ROBERTSON 2. INRYCO 3. VERCO 4. ASC-PACIFIC	650	1½" B DECK ROBT'SN-#3	1. ROBERTSON - 23403, 23507 & 22054 2. INRYCO - 2055, 23528 & 23680 3. VERCO - 23243 & 23780 4. ASC-PACIFIC - 23783, 23784 & 23803
HIGH BAY MECH., ELEV. MACH. RM. & STORAGE FLOORS		1650	3" W DECK QL-99	
MEZZANINE FLOORS		DO	2" W DECK QL-99	
DEPARTURE LEVEL FLOORS		DO	2" OR 3" W DECK QL-99	
IN-TRANSIT LEVEL FLOOR		DO	2" W DECK QL-99	
UPPER CONCOURSE LEVEL FLOOR		1650	2" W DECK QL-99	

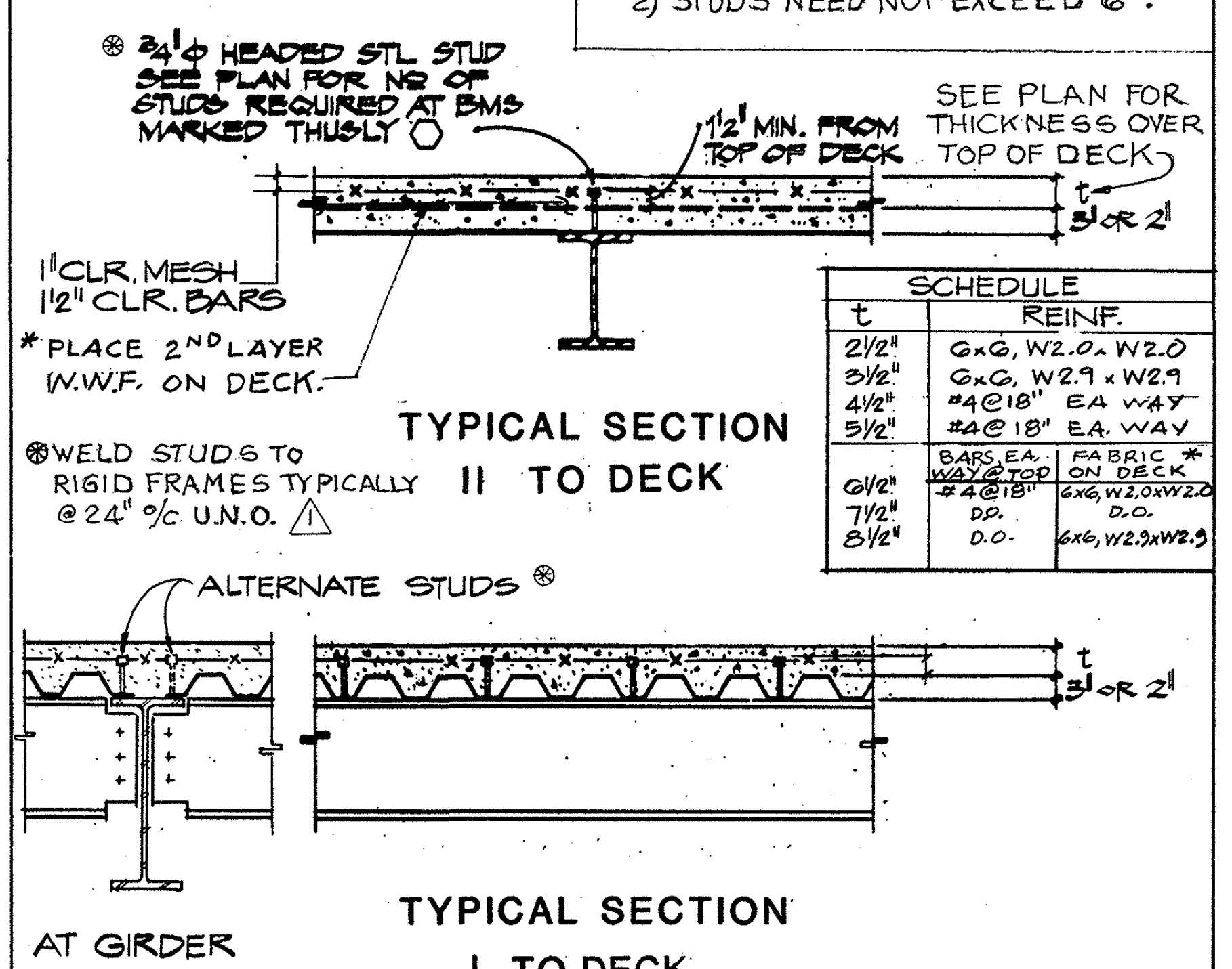
ROOF DECK SYSTEMS:

1. MESH REQUIRED AT ALL ROOF DECK SYSTEMS; SEE SPECIFICATIONS.
2. 2¼" MINIMUM INSULATING CONCRETE FILL REQUIRED OVER INSULATION BOARD OR DECK.

B

TYPICAL DECKING REQUIREMENTS 2

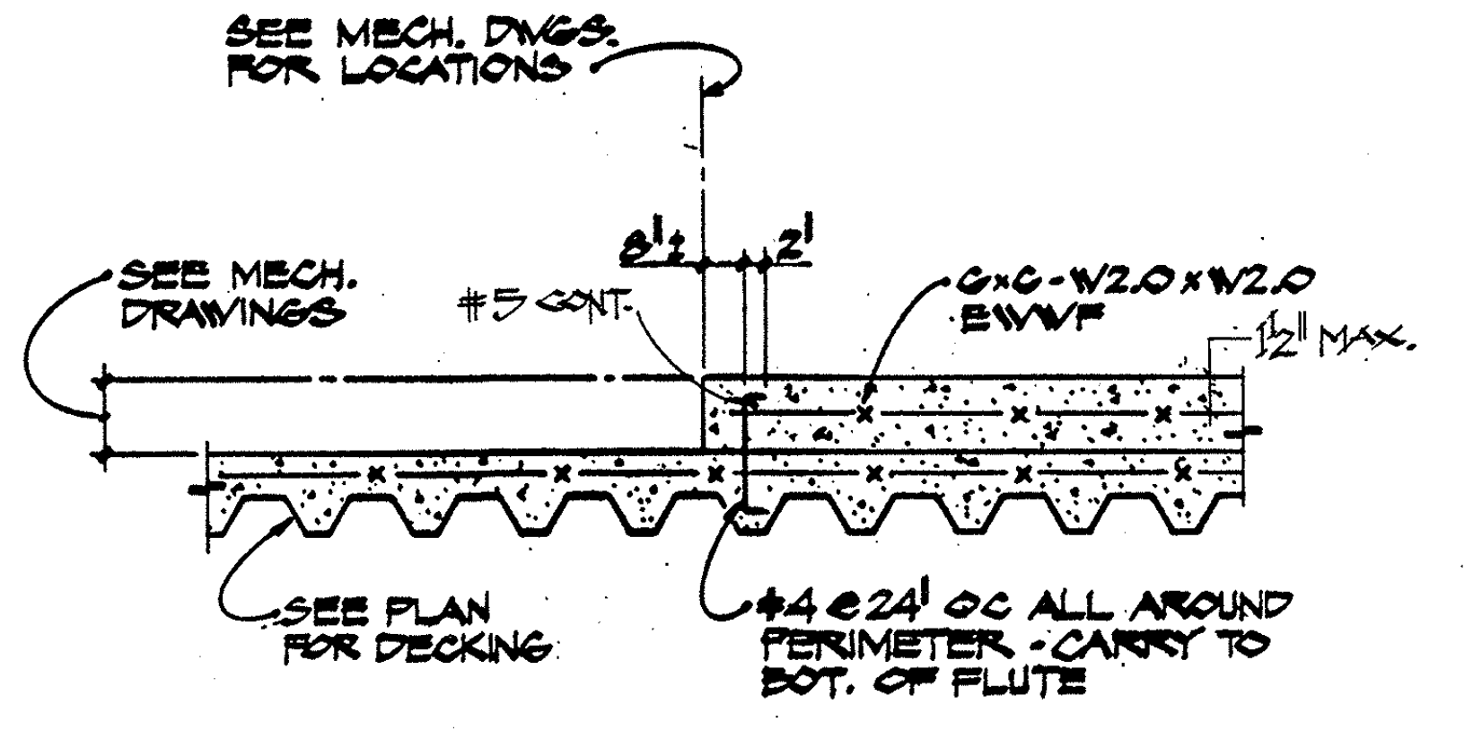
REQUIRED HEIGHT OF STUDS AFTER WELDING.
1) 1" CLEAR TO TOP OF STUDS, TYP.
2) STUDS NEED NOT EXCEED 6".


✻ 3/4"Ø HEADED STL STUD SEE PLAN FOR NO OF STUDS REQUIRED AT BMS MARKED THUSLY
1½" MIN. FROM TOP OF DECK
SEE PLAN FOR THICKNESS OVER TOP OF DECK
t
3" OR 2"
1" CLR. MESH
1½" CLR. BARS
✻ PLACE 2ND LAYER W.W.F. ON DECK.
TYPICAL SECTION ∥ TO DECK
✻ WELD STUDS TO RIGID FRAMES TYPICALLY @ 24" o/c U.N.O. 1
ALTERNATE STUDS ✻
AT GIRDER
TYPICAL SECTION ⊥ TO DECK

SCHEDULE		
t	REINF.	
2½"	6×6, W2.0×W2.0	
3½"	6×6, W2.9×W2.9	
4½"	#4@18" EA WAY	
5½"	#4@18" EA. WAY	
	BARS EA. WAY @ TOP	FABRIC ✻ ON DECK
6½"	#4@18"	6×6, W2.0×W2.0
7½"	DO.	DO.
8½"	DO.	6×6, W2.9×W2.9

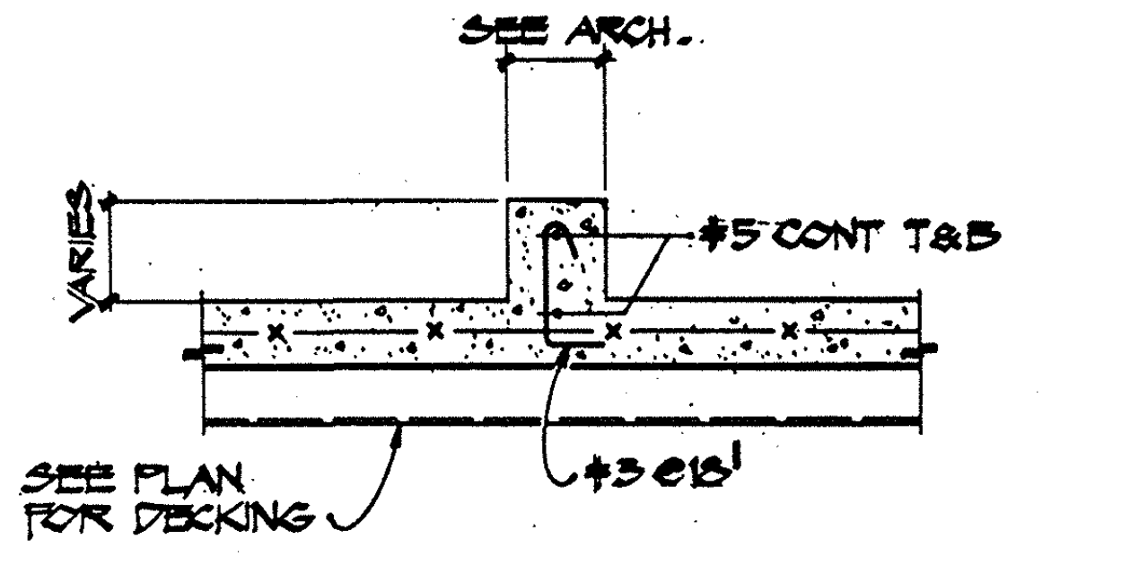
NOTE: 3/4"Ø HEADED STEEL STUDS SHALL BE NELSON STUDS CONFORMING TO L.A. CITY R.R #2725 AND #23731 OR AN APPROVED EQUAL.

TYPICAL STEEL STUD DETAILS 3 1


SEE MECH. DWGS. FOR LOCATIONS
SEE MECH. DRAWINGS
#5 CONT.
3½
2
6×6-W2.0×W2.0 EWVF
1½" MAX.
SEE PLAN FOR DECKING
#4 @ 24" OC ALL AROUND PERIMETER - CARRY TO BOT. OF FLUTE

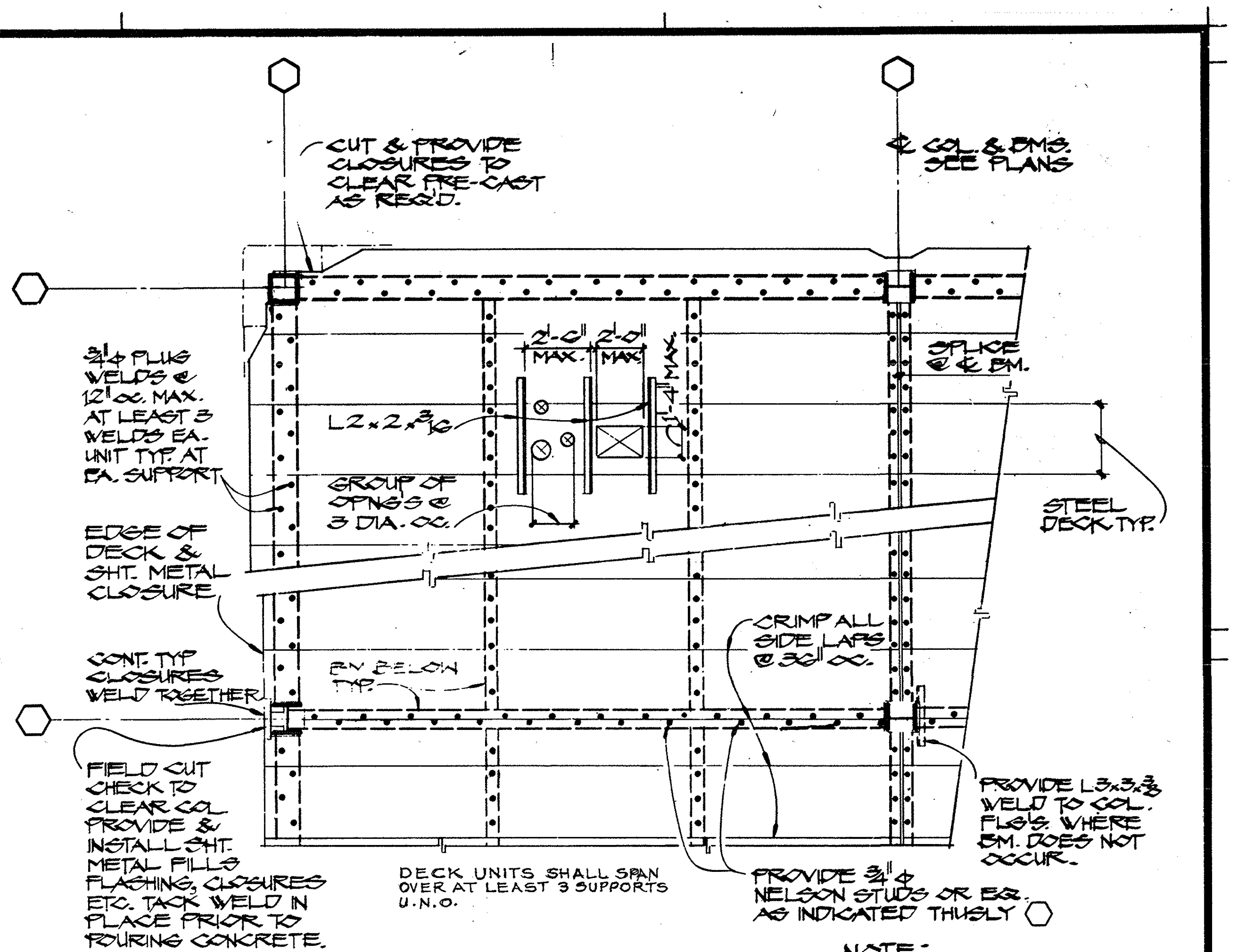
SECTION

MECHANICAL PAD DETAIL 4



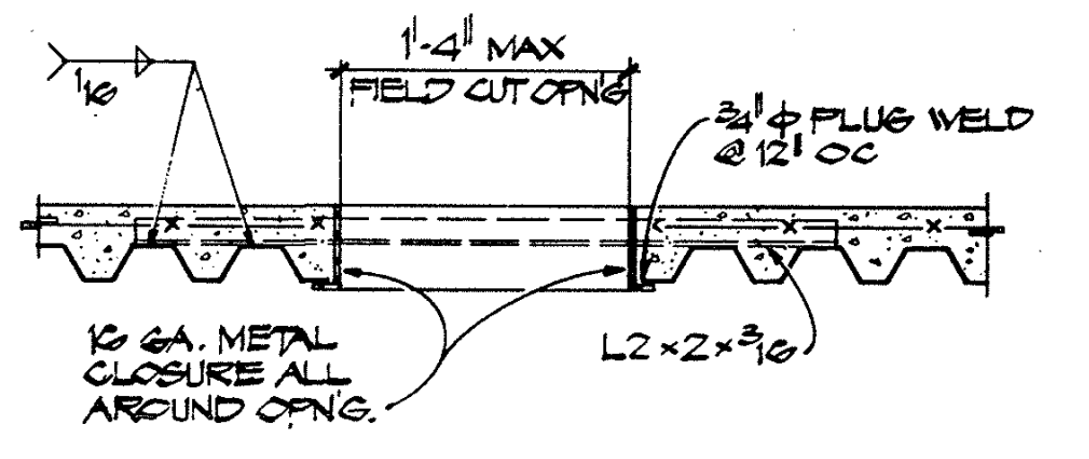
SECTION

TYPICAL CURB DETAIL 5

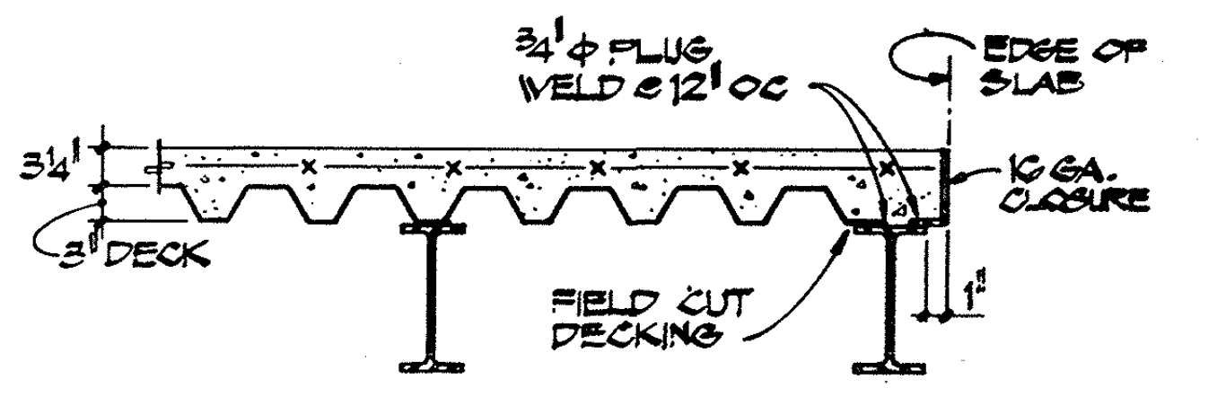

CUT & PROVIDE CLOSURES TO CLEAR PRE-CAST AS REQ'D.
℄ COL. & BMS. SEE PLANS
3/4"Ø PLUG WELDS @ 12" oc. MAX. AT LEAST 3 WELDS EA. UNIT TYP. AT EA. SUPPORT
2'-0" MAX.
2'-0" MAX.
1'-4" MAX.
L2×2×3/16
SPLICE @ ℄ BM.
GROUP OF OPNGS @ 3 DIA. OC.
STEEL DECK TYP.
EDGE OF DECK & SHT. METAL CLOSURE
CRIMP ALL SIDE LAPS @ 36" OC.
CONT. TYP. CLOSURES WELD TOGETHER
BM BELOW TYP.
FIELD CUT CHECK TO CLEAR COL. PROVIDE & INSTALL SHT. METAL FILLS FLASHING, CLOSURES ETC. TACK WELD IN PLACE PRIOR TO POURING CONCRETE.
DECK UNITS SHALL SPAN OVER AT LEAST 3 SUPPORTS U.N.O.
PROVIDE 3/4"Ø NELSON STUDS OR EQ. AS INDICATED THUSLY
PROVIDE L3×3×3/8 WELD TO COL. FLG'S. WHERE BM. DOES NOT OCCUR.

PLAN

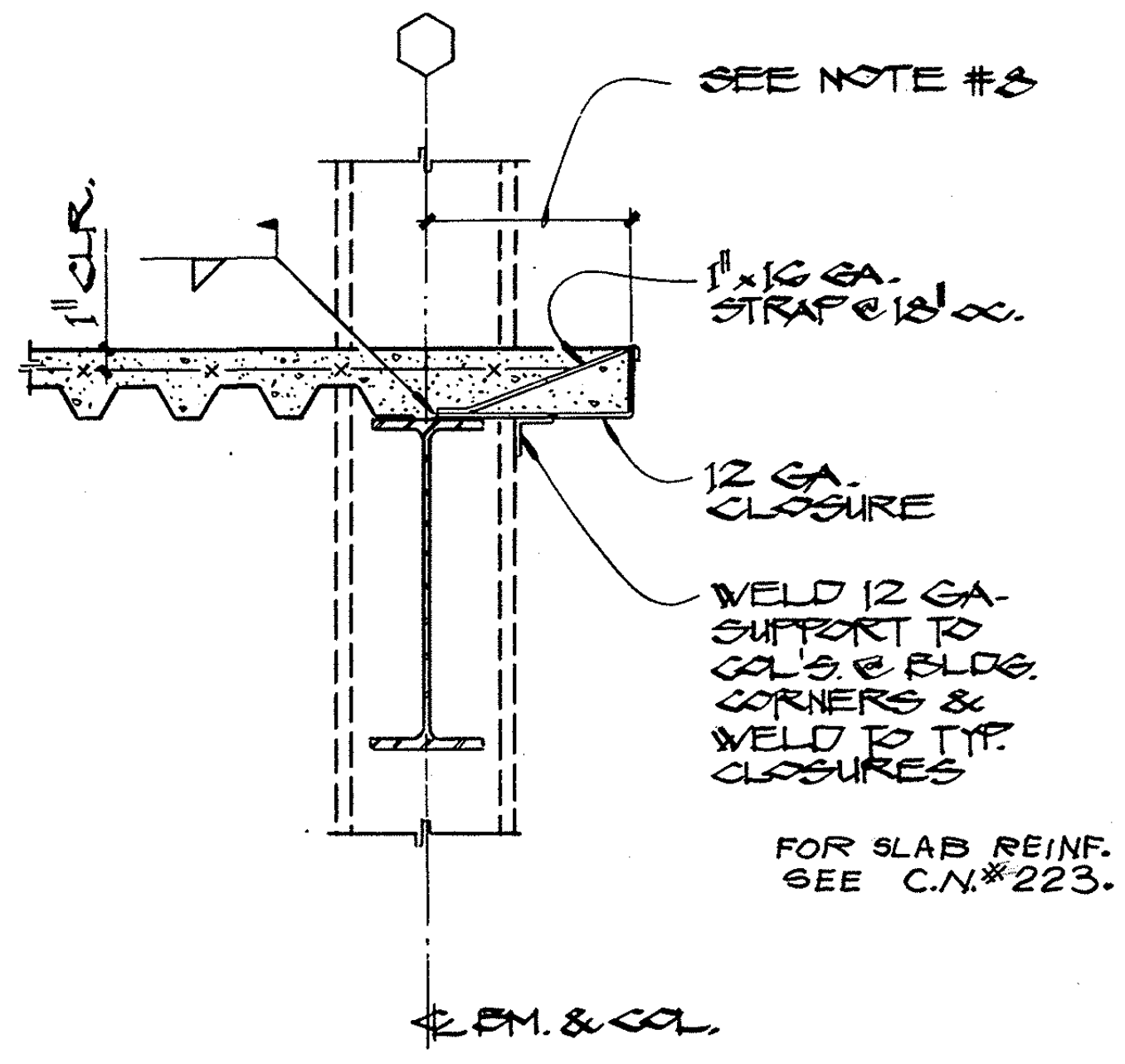
NOTE: LENGTH OF SHEAR STUDS ARE AFTER FUSION.



TYPICAL OPENING DETAIL

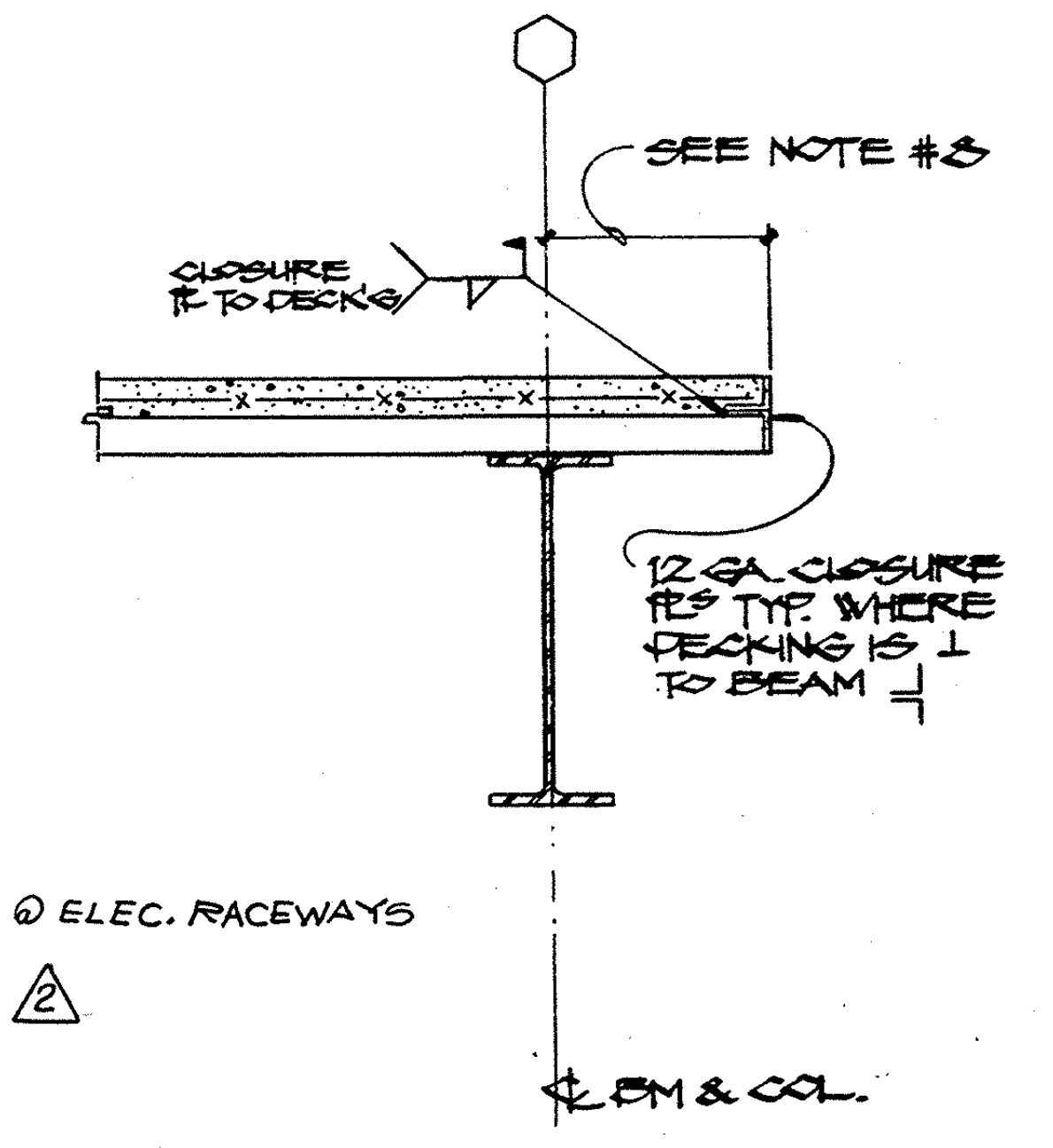


TYPICAL OPENING DETAIL


SEE NOTE #8
1" CLR.
1"×16 GA. STRAP @ 18" OC.
12 GA. CLOSURE
WELD 12 GA. SUPPORT TO COLS. @ BLDG. CORNERS & WELD TO TYP. CLOSURES
℄ BM. & COL.

EDGE OF SLAB DETAIL

DECK ∥ TO BEAMS



EDGE OF SLAB DETAIL

DECK ⊥ TO BEAMS

FOR SLAB REINF. @ ELEC. RACEWAYS SEE C.N.#223. 2

FOR SLAB DEPRESSION DETAIL SEE SS-7 R.F.I.#123

C.N.#53 2

GENERAL NOTES FOR DECK

1. REFER TO STEEL DECK SPECIFICATION FOR ADDITIONAL INFORMATION.
2. DECK ERECTION CONTRACTOR SHALL CUT DECK TO SUIT DETAILS AT ALL FRAMED OPENINGS, COLUMNS, COLUMN CONNECITONS, AND AS INDICATED ON THE DRAWINGS.
3. THE OPENINGS SHOWN ON THE FRAMING PLANS INDICATE THE GENERAL ARRANGEMENT AND LOCATION ONLY. VERIFY OUTING LENGTH OF DECK WITH ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
4. ALL WELDERS SHALL BE CERTIFIED FOR LIGHT GAGE STEEL WELDING BY THE CITY BUILDING DEPARTMENT.
5. CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED OF THE WELDING.
6. THE EFFECTIVE AREA OF A 3/4" PLUG WELD SHALL NOT BE LESS THAN 1/2" Ø.
7. ALL LIGHT GAGE STEEL DECKING AND FLASHING SHALL BE FABRICATED OF SHEET METAL CONFORMING TO A.S.T.M. A-446.
8. EDGE OF PERIMETER CLOSURE SHALL BE HELD WITH ± 1/2 OF THE DIMENSIONS REQUIRED ON THE ARCHITECTURAL DRAWINGS. CONFIRM THE LOCATION OF BEAM AND COLUMN CENTER LINES FROM FIXED REFERENCE EDGE LINES.

COMPOSITE DECK & BEAM NOTES

1. COMPOSITE BEAMS AND GIRDERS SUPPORTING STEEL DECK SHALL BE COMBERED AS DESIGNATED ON THE STRUCTURAL DRAWINGS. IN LIEU OF CAMBERING THE CONTRACTOR MAY SHORE BEAMS FOR TRIBUTARY CONSTRUCTION LOADS PRIOR TO ATTAINING 85% OF DESIGNATED CONCRETE STRENGTH. SHORING SHALL REMAIN FOR 14 DAYS AFTER PLACING CONCRETE.
2. FLOOR SHALL BE MONITORED BY TRANSIT LEVEL OR LASER DURING CONCRETE PLACEMENT TO MAINTAIN LEVEL FLOOR.

0029647

TYPICAL STEEL DECK DETAILS & GENERAL NOTES 1

AS BUILT

2	8.84	C.N.#223, 53 •
B	3.1982	ADDENDUM "B"
1	6.1.84	BLDG. DEPT. CORRECTION

F

Walter L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira
Dworsky
Sinclair
Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

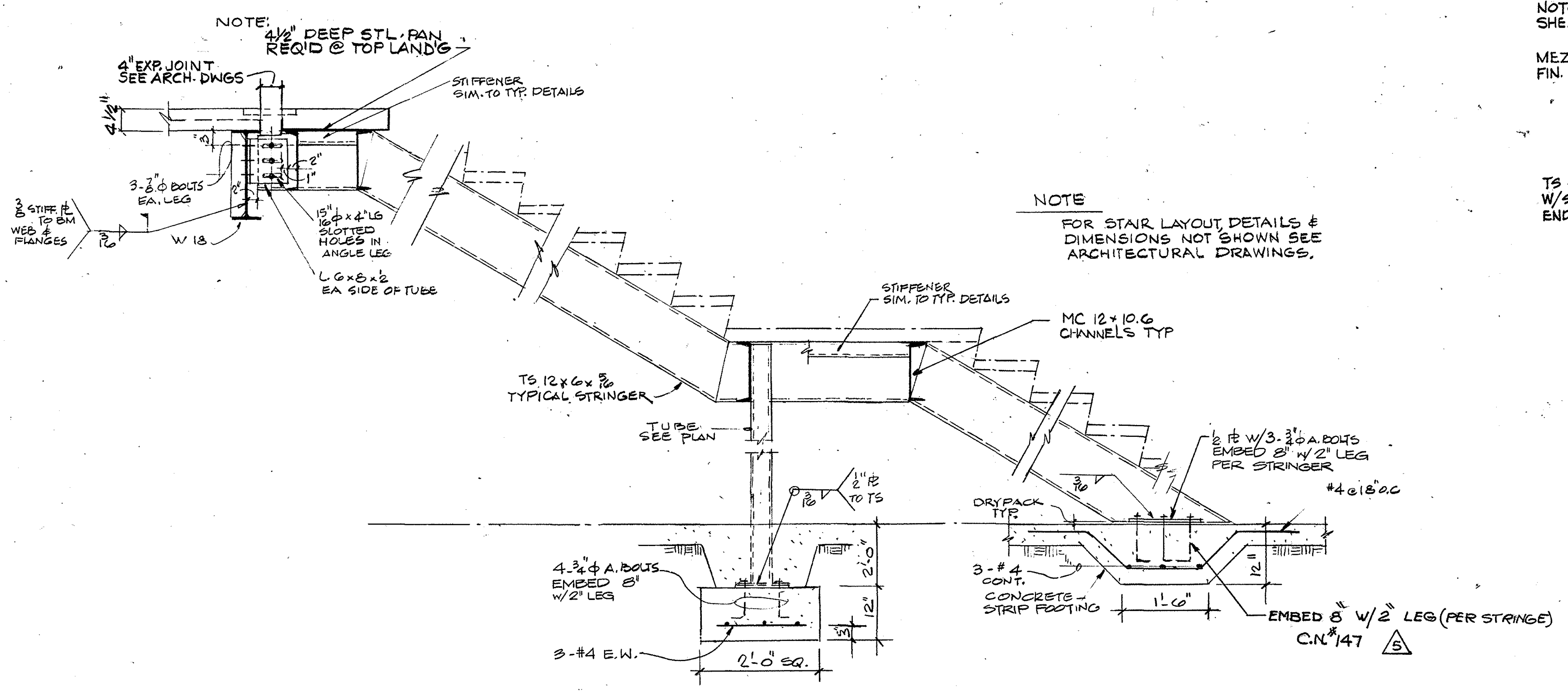
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title TYPICAL STEEL DECK & STAIR FRAMING DETAILS
Department of Airports Drawing No. 82001-600

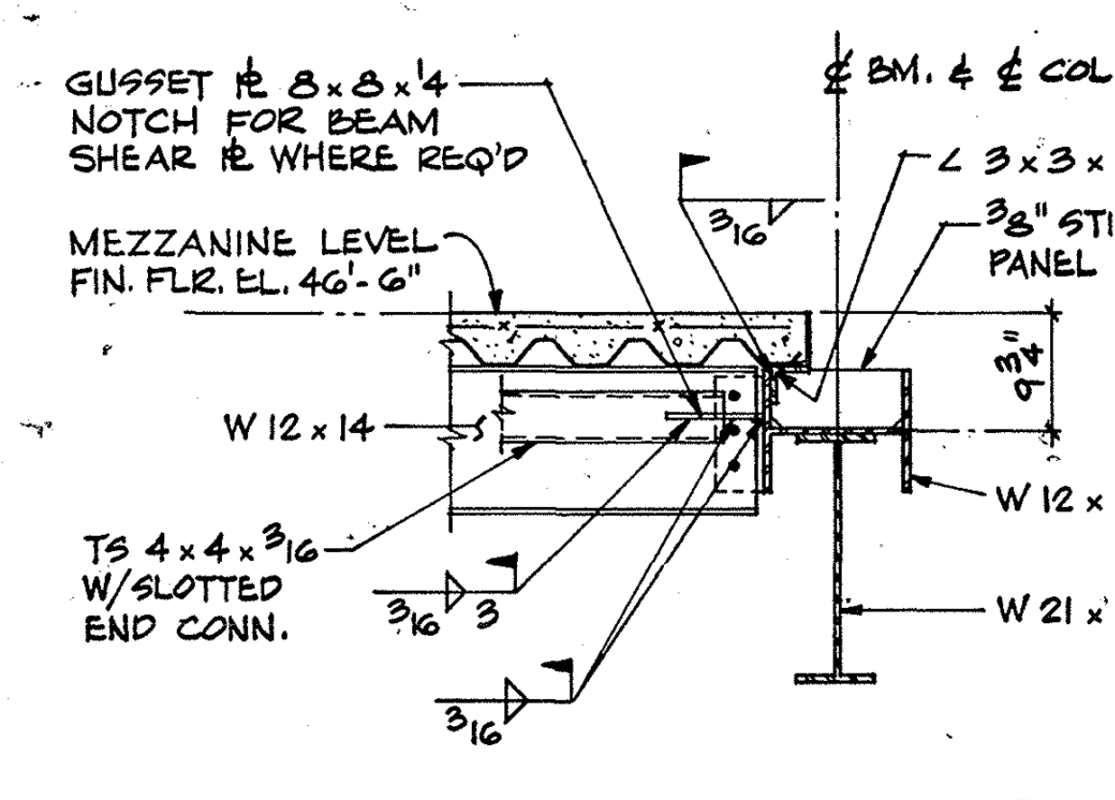
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S4.2.1
Sheet of Sheets

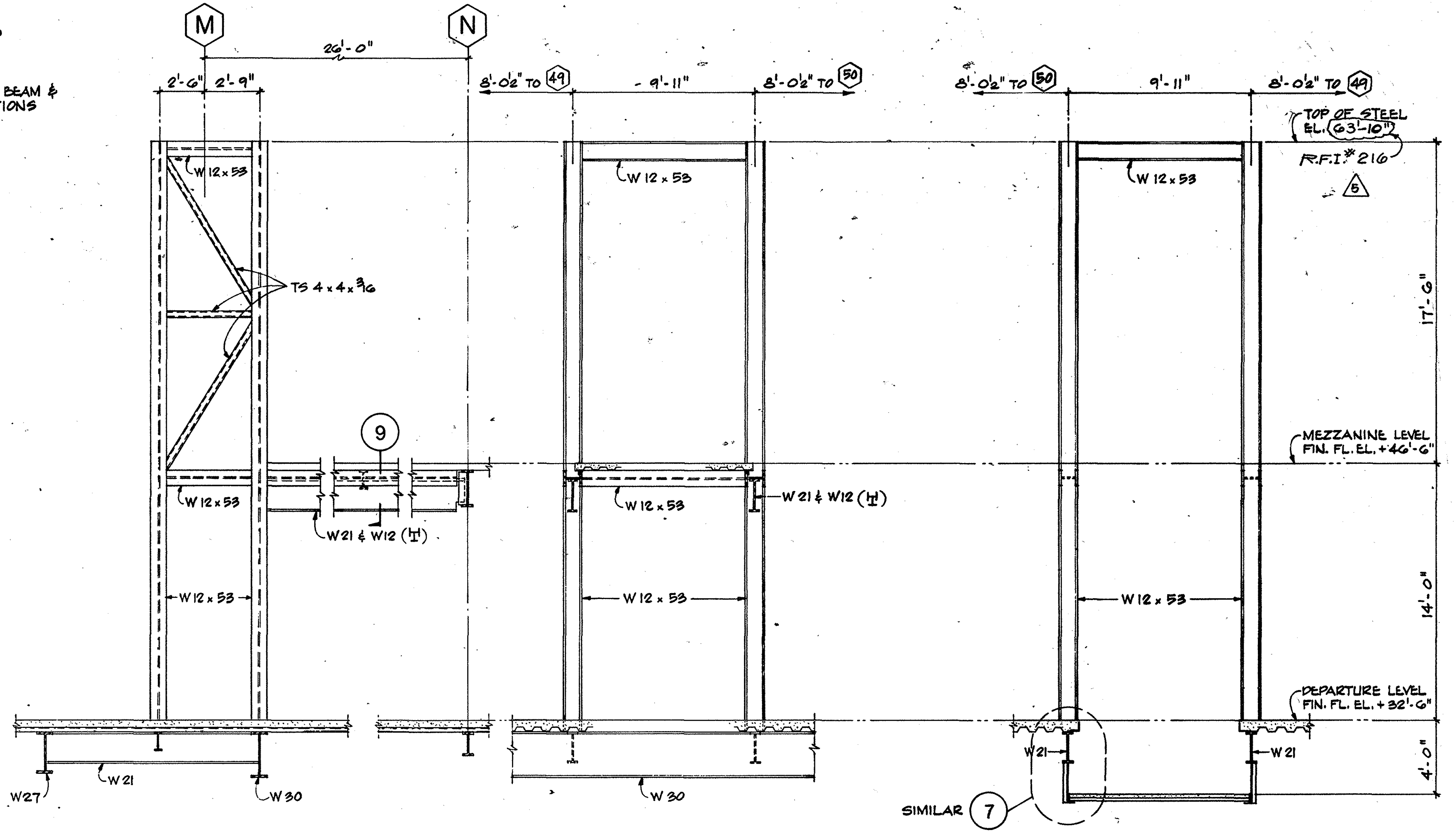

NOTE: 4½" DEEP STL. PAN REQ'D @ TOP LANDING
6" EXP. JOINT SEE ARCH. DWGS.
STIFFENER SIM. TO TYP. DETAILS
3-⅞"⌀ BOLTS EA. LEG
⅜ STIFF ℄ TO BM WEB & FLANGES
W 18
1⅝"⌀ x 4" LG SLOTTED HOLES IN ANGLE LEG
∠ 6 x 6 x ½ EA SIDE OF TUBE
STIFFENER SIM. TO TYP. DETAILS
MC 12 x 10.6 CHANNELS TYP
TS 12 x 6 x ⅝ TYPICAL STRINGER
TUBE SEE PLAN
½" ℄ W/ 3-¾"⌀ A BOLTS EMBED 8" W/ 2" LEG PER STRINGER
#4 @ 18" OC
DRYPACK TYP.
3-#4 CONT.
CONCRETE STRIP FOOTING
1'-6"
4-¾"⌀ A BOLTS EMBED 8" W/ 2" LEG
3-#4 E.W.
2'-0" SQ.
EMBED 8" W/ 2" LEG (PER STRINGER) C.N.#147

NOTE
FOR STAIR LAYOUT, DETAILS & DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.

CONCOURSE STAIR SECTION
1/4"=1'-0"
(12)

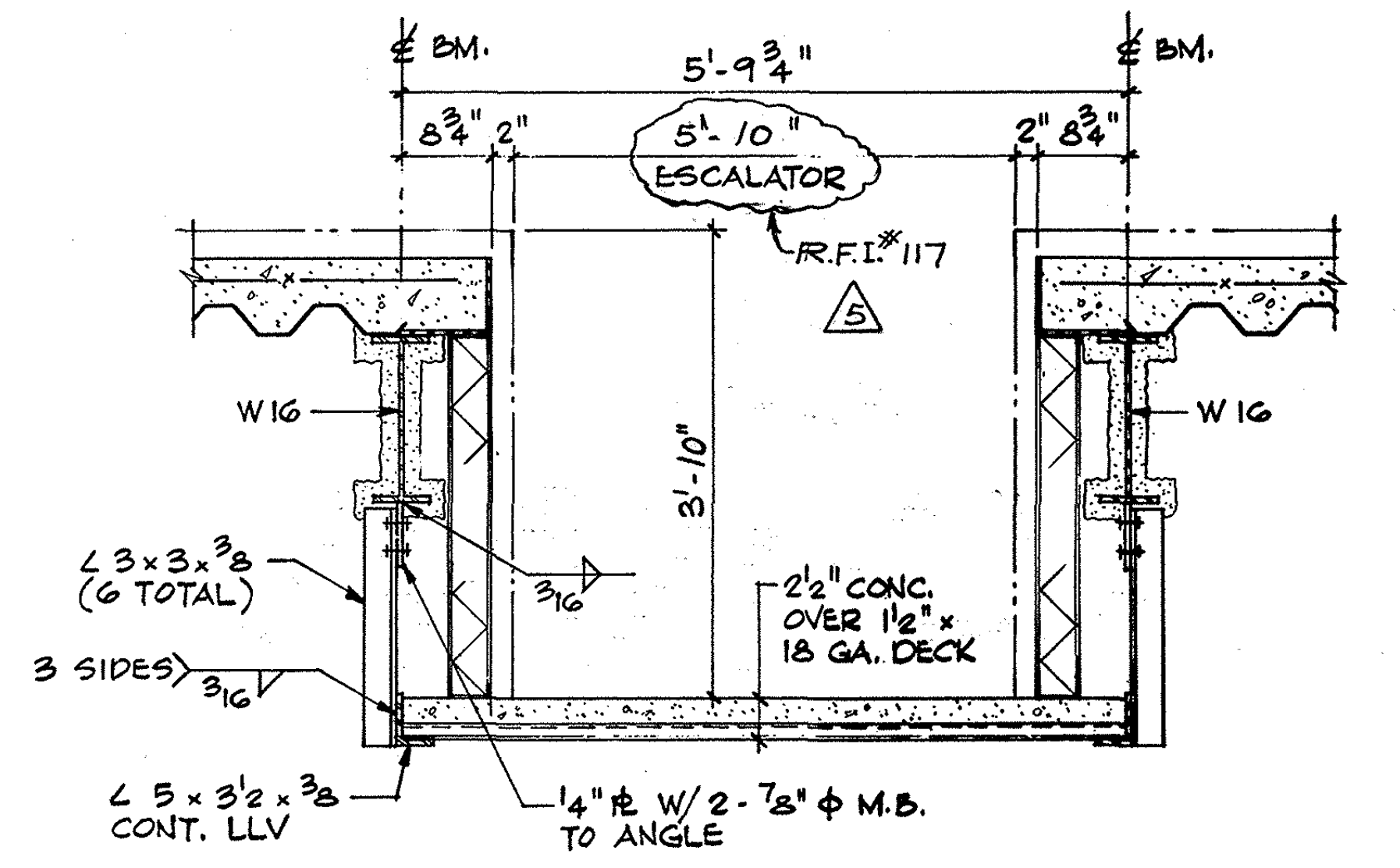

GUSSET ℄ 8 x 8 x ¼ NOTCH FOR BEAM SHEAR ℄ WHERE REQ'D
℄ BM. & ℄ COL. BEYOND
∠ 3 x 3 x ¼ CONT.
⅜" STIFF ℄ AT BEAM & PANEL CONNECTIONS
MEZZANINE LEVEL FIN. FLR. EL. 46'-6"
W 12 x 14
TS 4 x 4 x 3/16 W/SLOTTED END CONN.
W 12 x 53
W 21 x 44

3/4" = 1'-0"
(9)

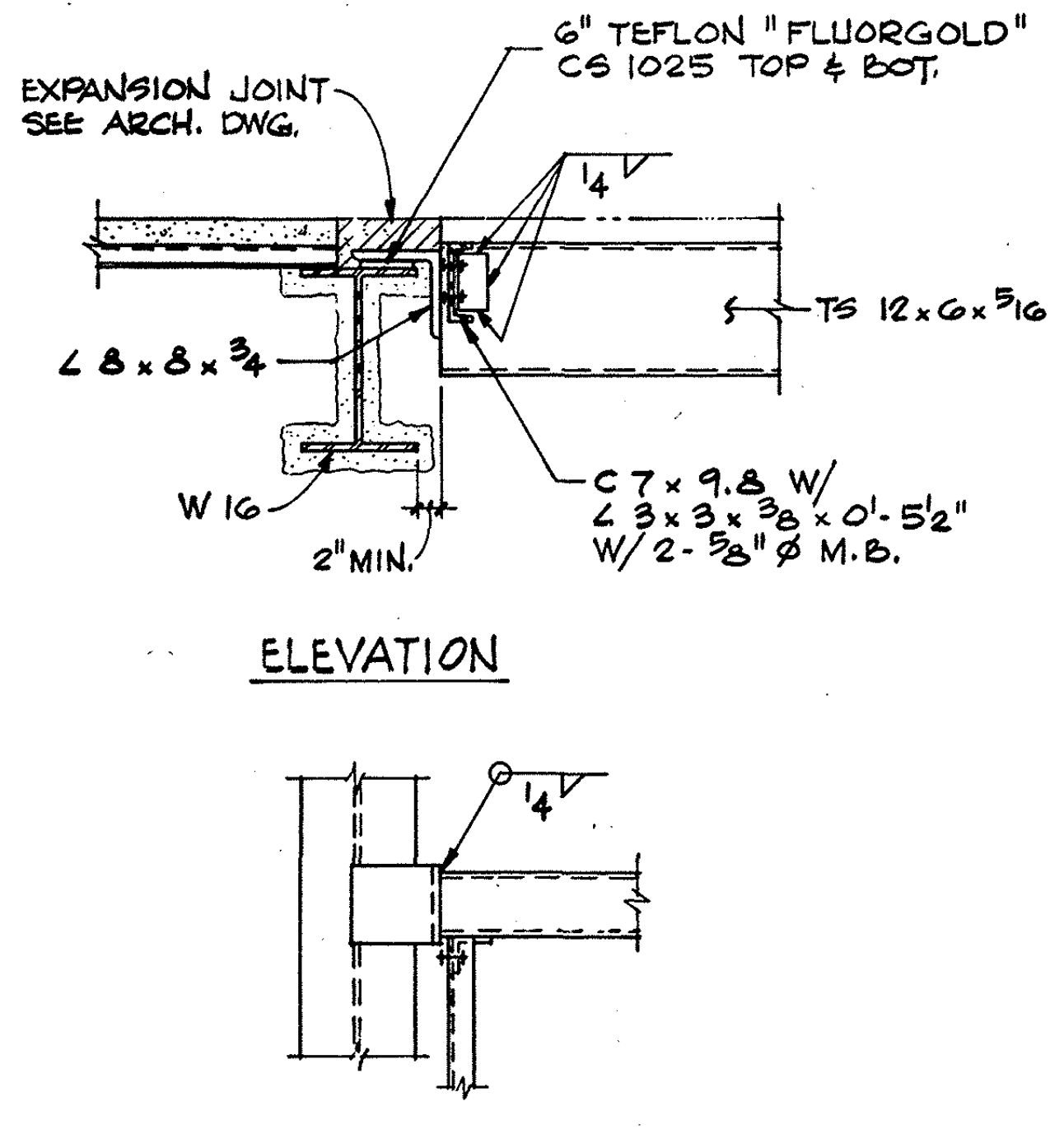


FRAME (C)
FRAME (B)
FRAME (A)

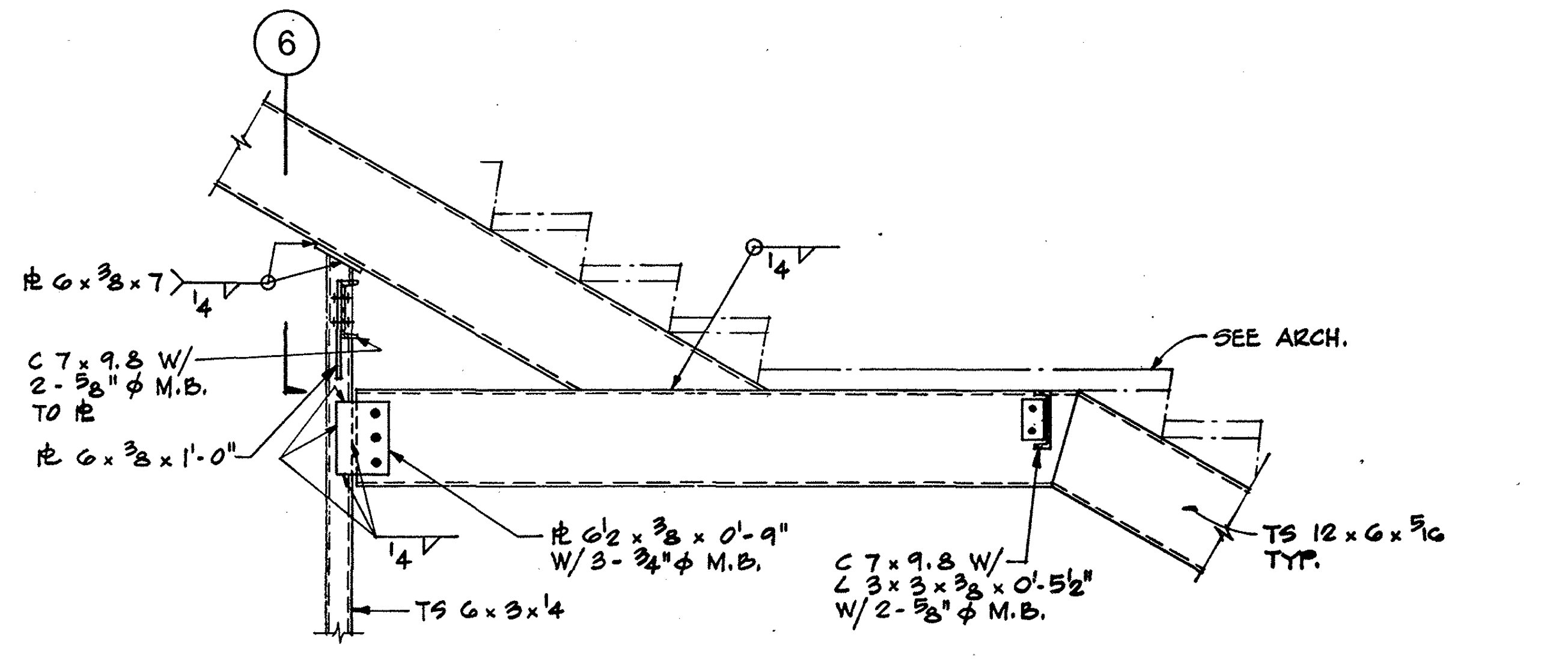
FREE STANDING ELEVATOR FRAME ELEVATIONS
1/4" = 1'-0"
(8)



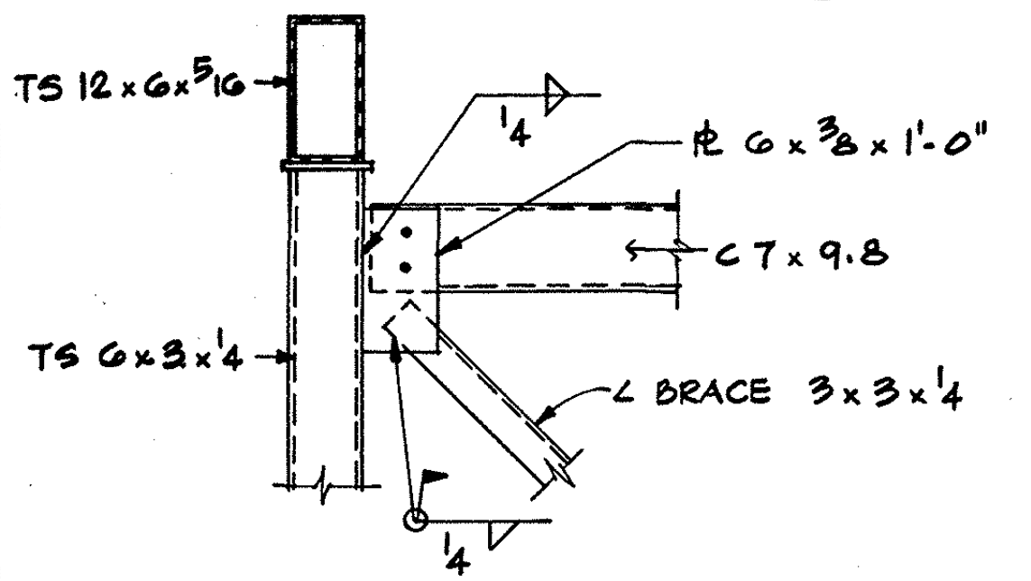
3/4" = 1'-0"
(7)


EXPANSION JOINT SEE ARCH. DWG.
6" TEFLON "FLUORGOLD" CS 1025 TOP & BOT.
TS 12 x 6 x 5/16
∠ 8 x 8 x ¾
W 16
2" MIN.
C 7 x 9.8 W/ ∠ 3 x 3 x ⅜ x 0'-5½" W/ 2-⅞"⌀ M.B.
ELEVATION

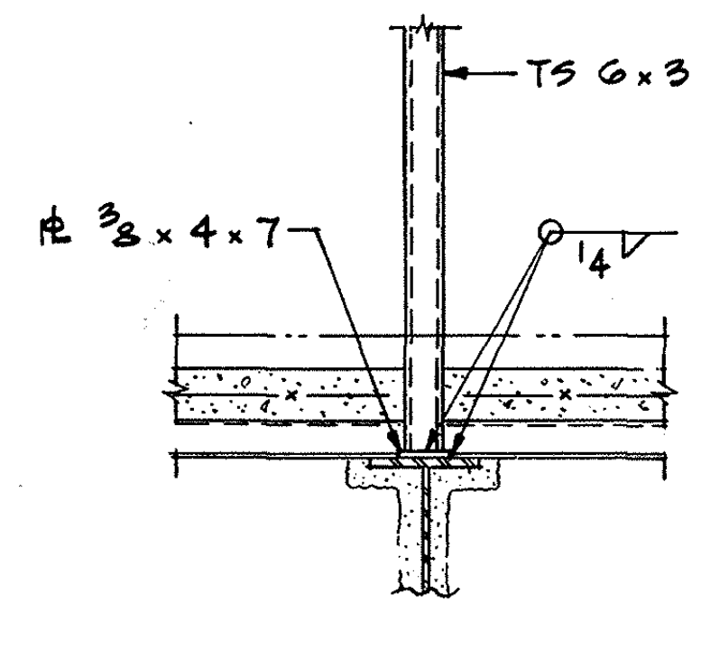
PLAN
3/4" = 1'-0"
(5)


6
℄ 6 x ⅜ x 7
C 7 x 9.8 W/ 2-⅞"⌀ M.B. TO ℄
℄ 6 x ⅜ x 1'-0"
℄ 6½ x ⅜ x 0'-9" W/ 3-⅞"⌀ M.B.
C 7 x 9.8 W/ ∠ 3 x 3 x ⅜ x 0'-5½" W/ 2-⅞"⌀ M.B.
TS 6 x 3 x ¼
SEE ARCH.
TS 12 x 6 x 5/16 TYP.

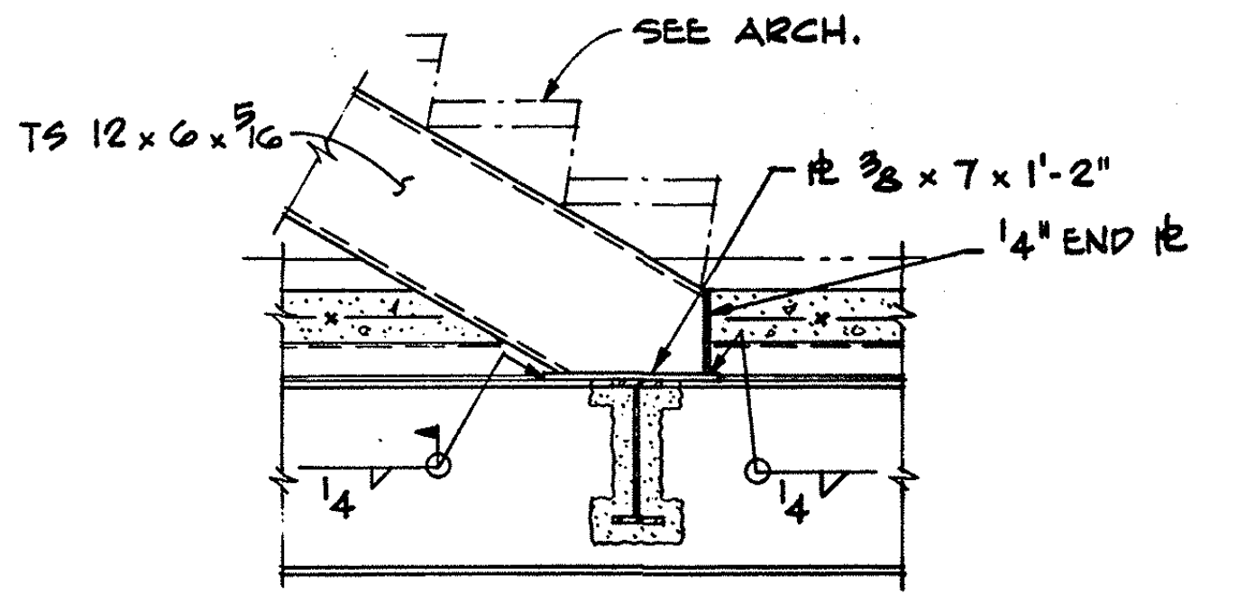
3/4" = 1'-0"
(4)



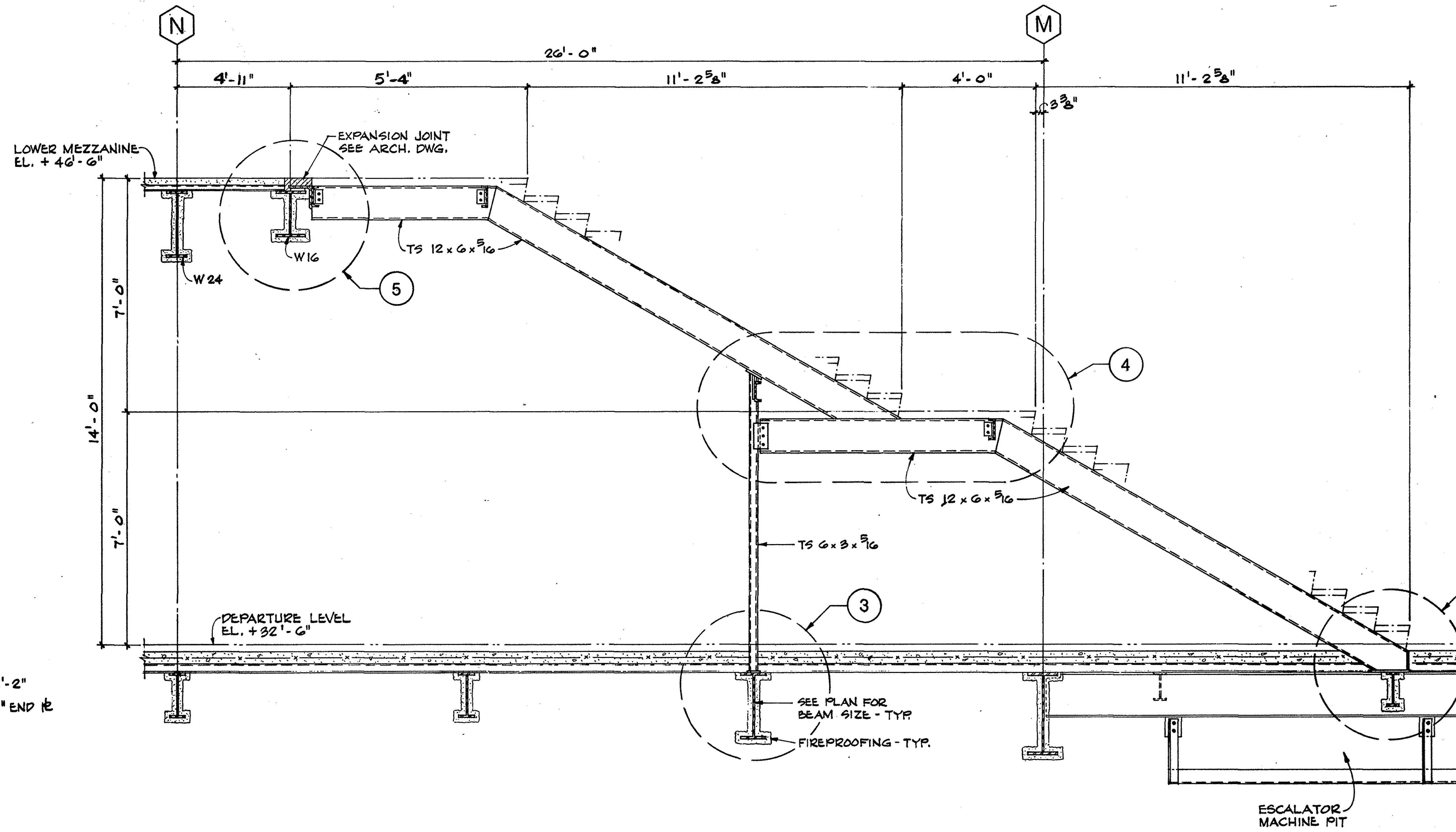
3/4" = 1'-0"
(6)



3/4" = 1'-0"
(3)



3/4" = 1'-0"
(2)



NOTE
FOR STAIR LAYOUT, DETAILS & DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.

SECTION - STAIR No. 22
1/2" = 1'-0"
(1)

AS BUILT

4	3/30/82	CONCOURSE GATE REV'S.
5	8-84	R.F.I.#117, 216, C.N.#147

F

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

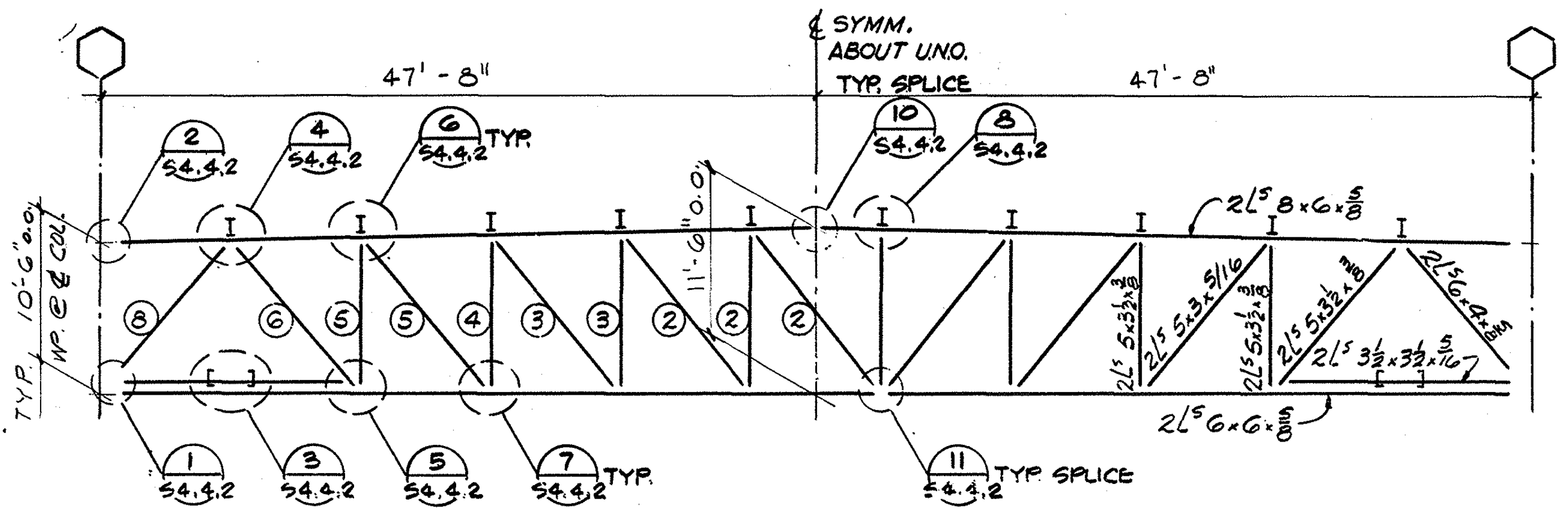
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: STEEL STAIR & ESCALATOR SUPPORT DETAILS
Department of Airports Drawing No. 82001-600

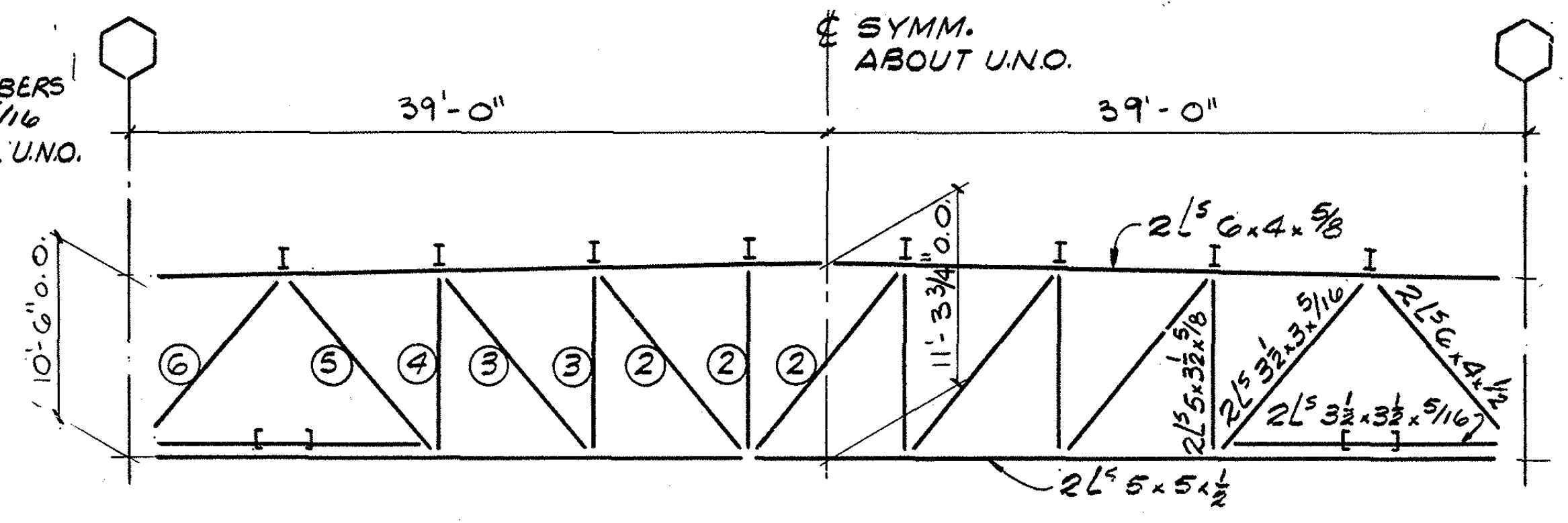
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S4.3.1
Sheet of Sheets

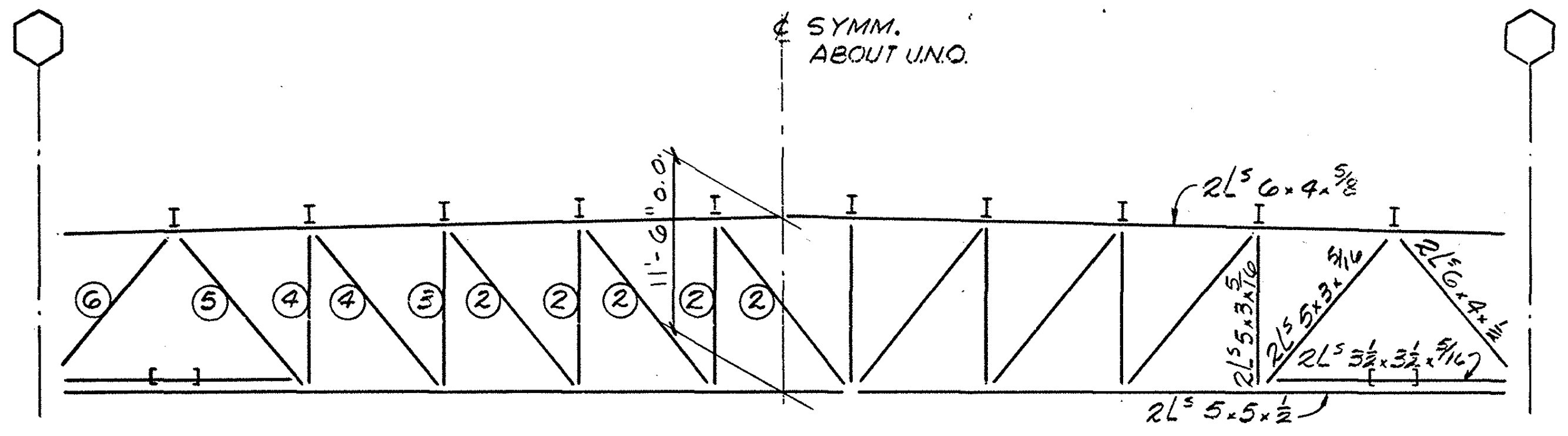


NOTE:
ALL TRUSS MEMBERS
ARE 2L 3½×3×5/16
BACK TO BACK ⊥⊥ U.N.O.

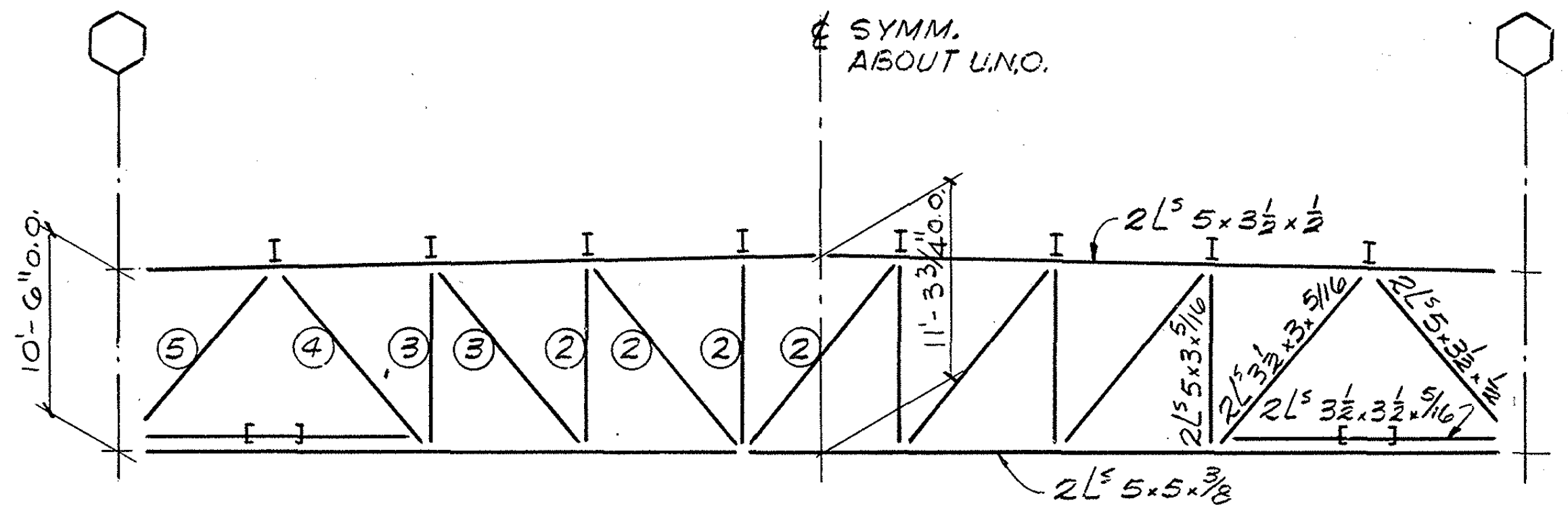
T-1



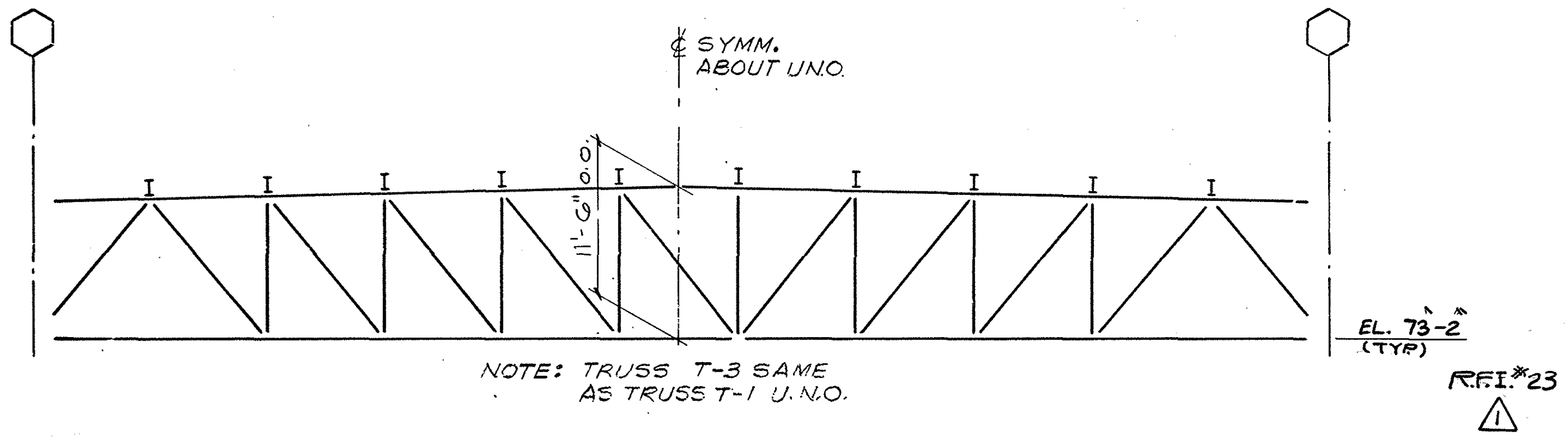
T-7



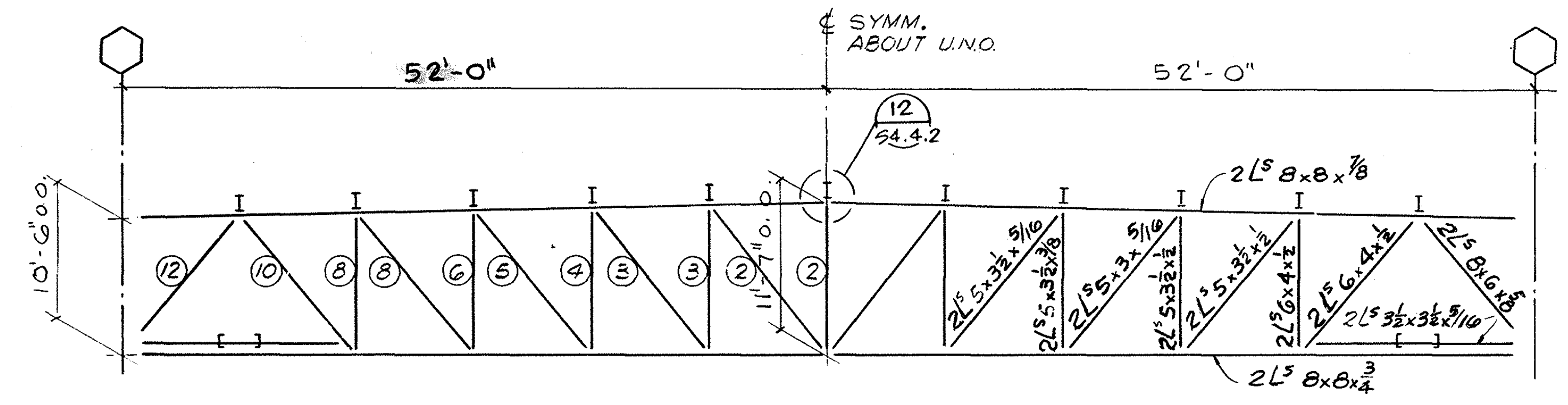
T-2



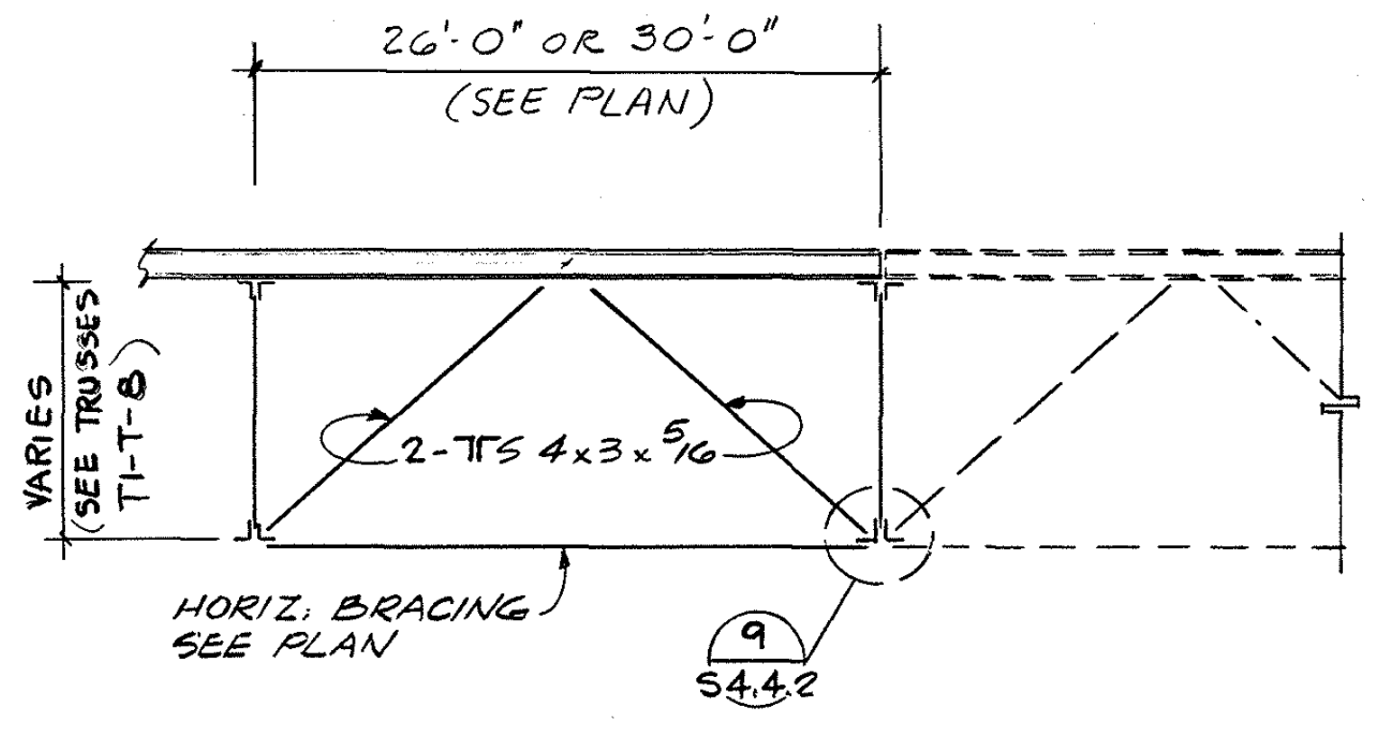
T-8



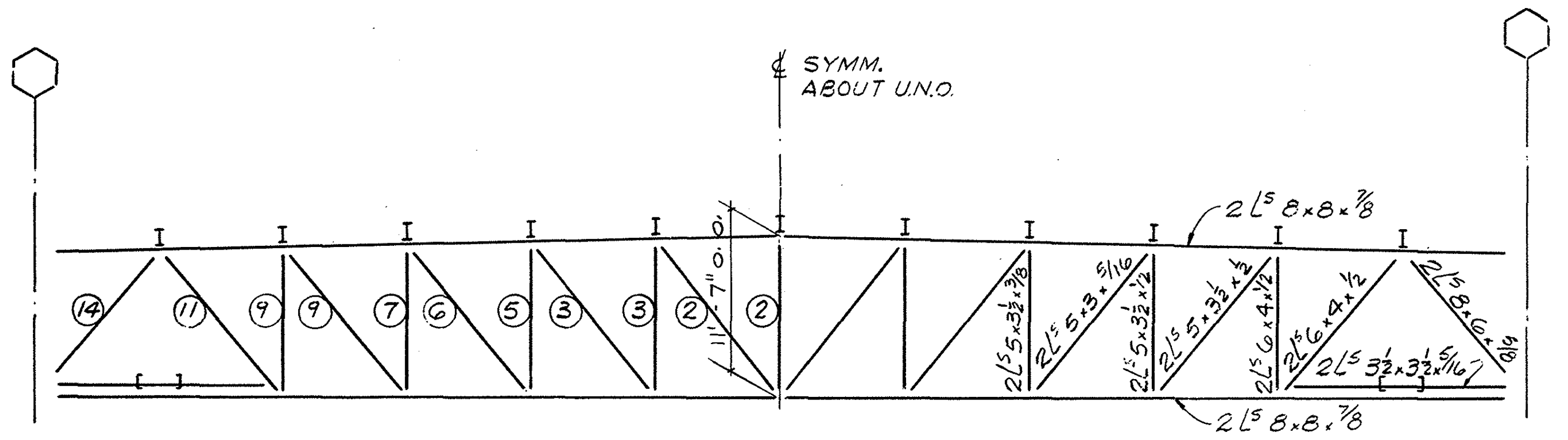
T-3



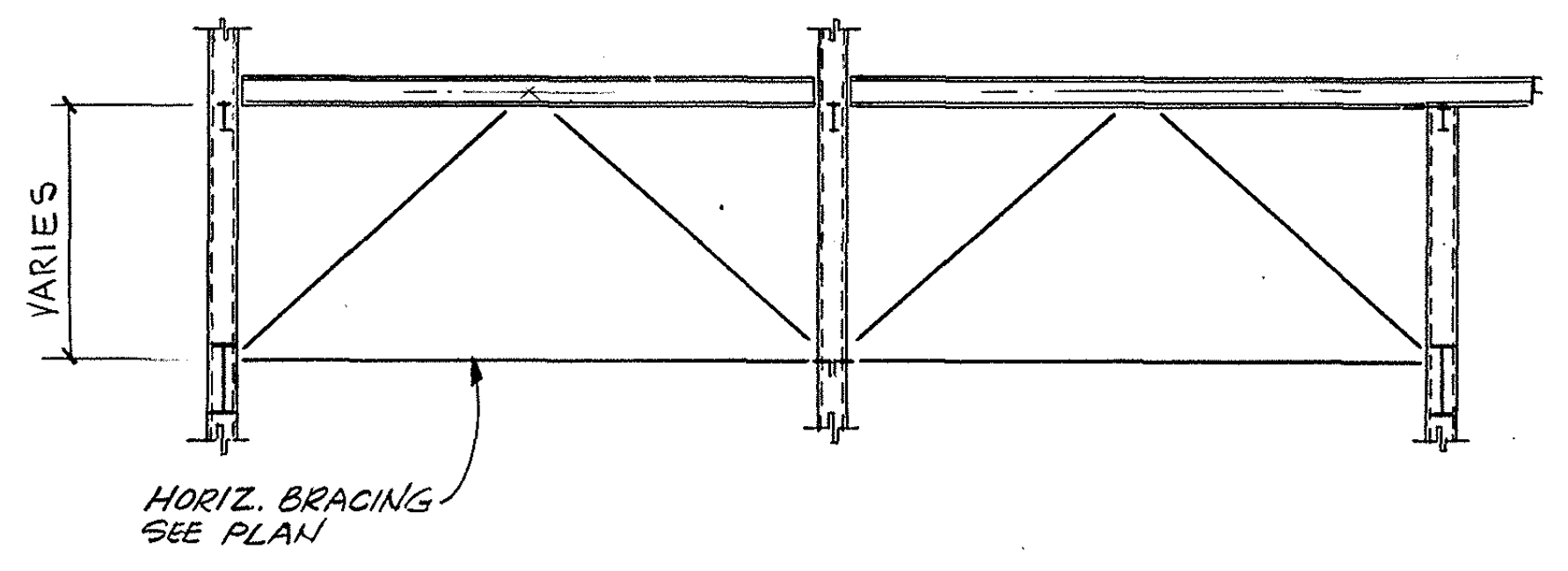
T-4



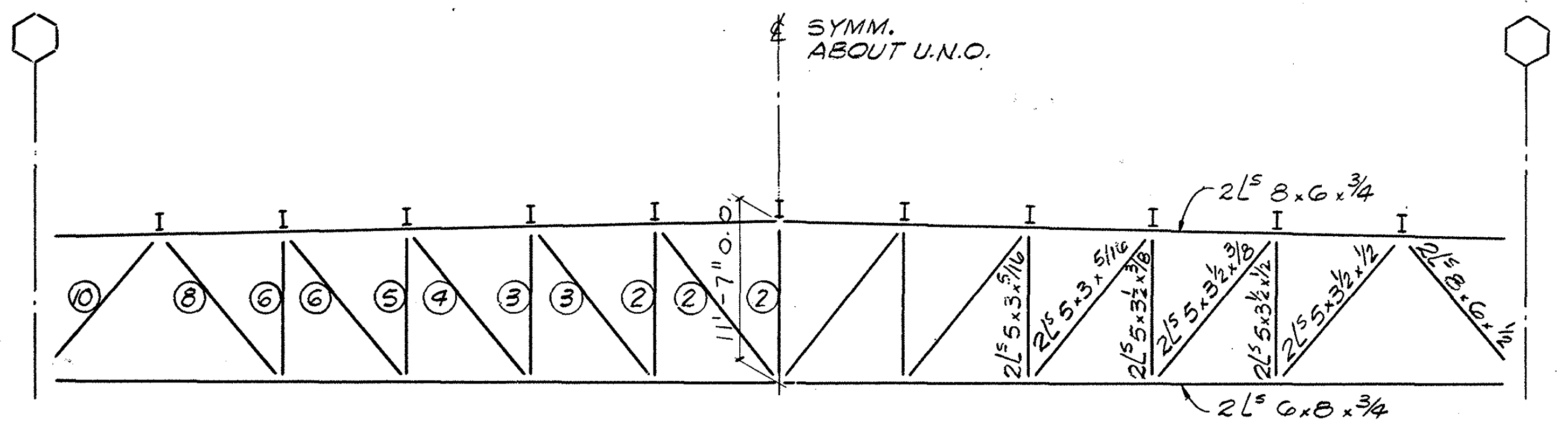
TYPICAL BRACING TRUSS
BT-1A, 1B



T-5



TYPICAL BRACING TRUSS
BT-2



C TRUSS DIMENSIONS

T-6

MAIN TRUSSES

NOTES:

1. ○ INDICATES NUMBER OF BOLTS EACH END OF MEMBER.
2. ☐ INDICATES NUMBER OF BOLTS TO CHORD.
3. ALL BOLTS 7/8" ϕ A325-X UNLESS NOTED OTHERWISE.
4. ALL VERTICAL GUSSET ℞'S 3/4" UNLESS NOTED OTHERWISE.
5. ALL HORIZONTAL ℞'S AT BOTTOM CHORD 5/8" UNLESS NOTED OTHERWISE.
6. GUSSET ℞'S SHALL BE TRIMMED AS INDICATED, OTHERWISE ℞'S SHALL BE RECTANGULAR.

AS BUILT

1 8-84 E.F R.F.I.#23

C 3-3-82 ADDENDUM C

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Date FEB. 3, 1982
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A JOINT VENTURE

City of Los Angeles
Department of Airports
Date FEB3, 1982

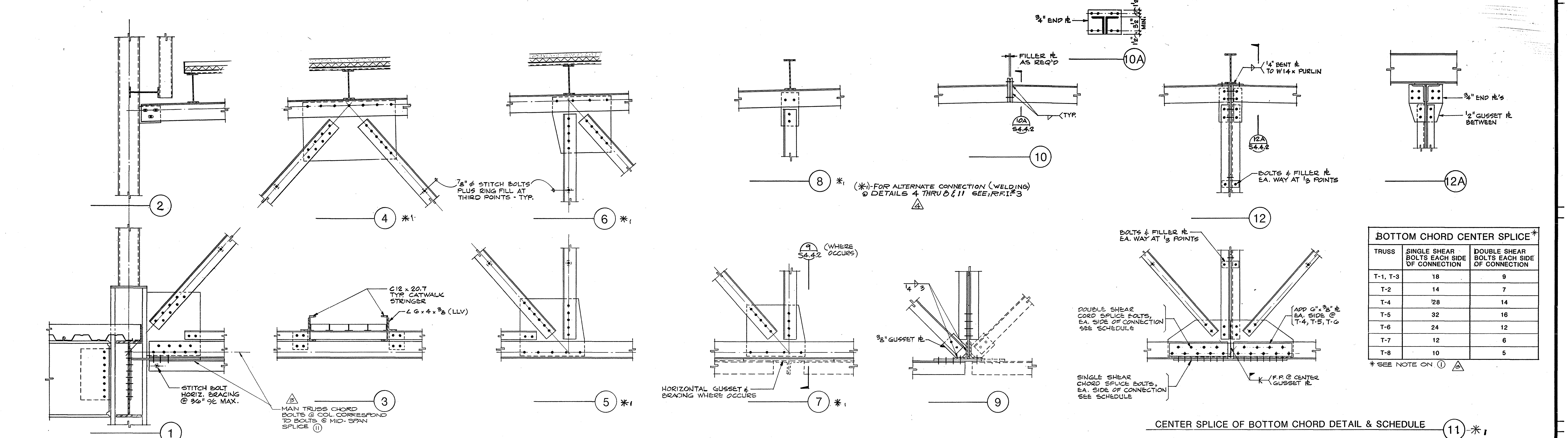
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: TRUSS ELEVATIONS
Department of Airports Drawing No. 82001-600

Designed by MM
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S4.4.1
Sheet of Sheets

S.4.4.1

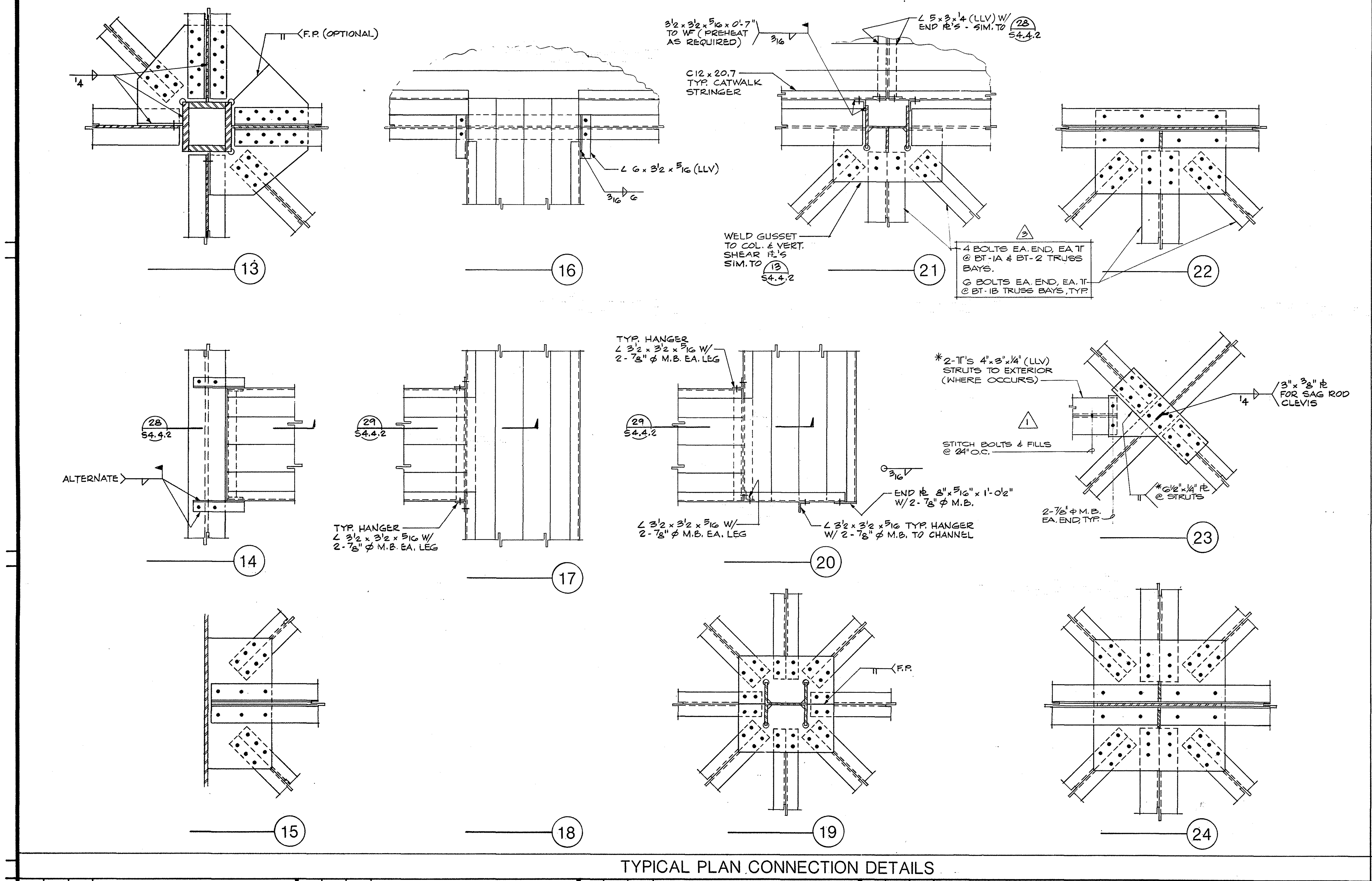

3/4" END ℞
1 1/2"
3 1/2"
1 1/2"
MIN.
FILLER ℞ AS REQ'D
10A
10A S4.4.2
TYP.
10
1/4" BENT ℞ TO W14 x PURLIN
12A S4.4.2
BOLTS & FILLER ℞ EA. WAY AT 1/3 POINTS
12
3/4" END ℞'S
1/2" GUSSET ℞ BETWEEN
12A
2
7/8" ⌀ STITCH BOLTS PLUS RING FILL AT THIRD POINTS - TYP.
4 *1
6 *1
8 *1
(*1)-FOR ALTERNATE CONNECTION (WELDING) @ DETAILS 4 THRU 8 & 11 SEE: R.F.I.#3
4
STITCH BOLT HORIZ. BRACING @ 36" O/C MAX.
3
MAIN TRUSS CHORD BOLTS @ COL. CORRESPOND TO BOLTS @ MID-SPAN SPLICE 11
1
C12 x 20.7 TYP. CATWALK STRINGER
∠ 6 x 4 x 3/8 (LLV)
3
5 *1
9 S4.4.2 (WHERE OCCURS)
HORIZONTAL GUSSET & BRACING WHERE OCCURS
7 *1
1/4 3
3/8" GUSSET ℞
9
BOLTS & FILLER ℞ EA. WAY AT 1/3 POINTS
DOUBLE SHEAR CORD SPLICE BOLTS, EA. SIDE OF CONNECTION SEE SCHEDULE
ADD 6" x 3/8" ℞ EA. SIDE @ T-4, T-5, T-6
SINGLE SHEAR CHORD SPLICE BOLTS, EA. SIDE OF CONNECTION SEE SCHEDULE
F.P. @ CENTER GUSSET ℞

BOTTOM CHORD CENTER SPLICE*		
TRUSS	SINGLE SHEAR BOLTS EACH SIDE OF CONNECTION	DOUBLE SHEAR BOLTS EACH SIDE OF CONNECTION
T-1, T-3	18	9
T-2	14	7
T-4	28	14
T-5	32	16
T-6	24	12
T-7	12	6
T-8	10	5

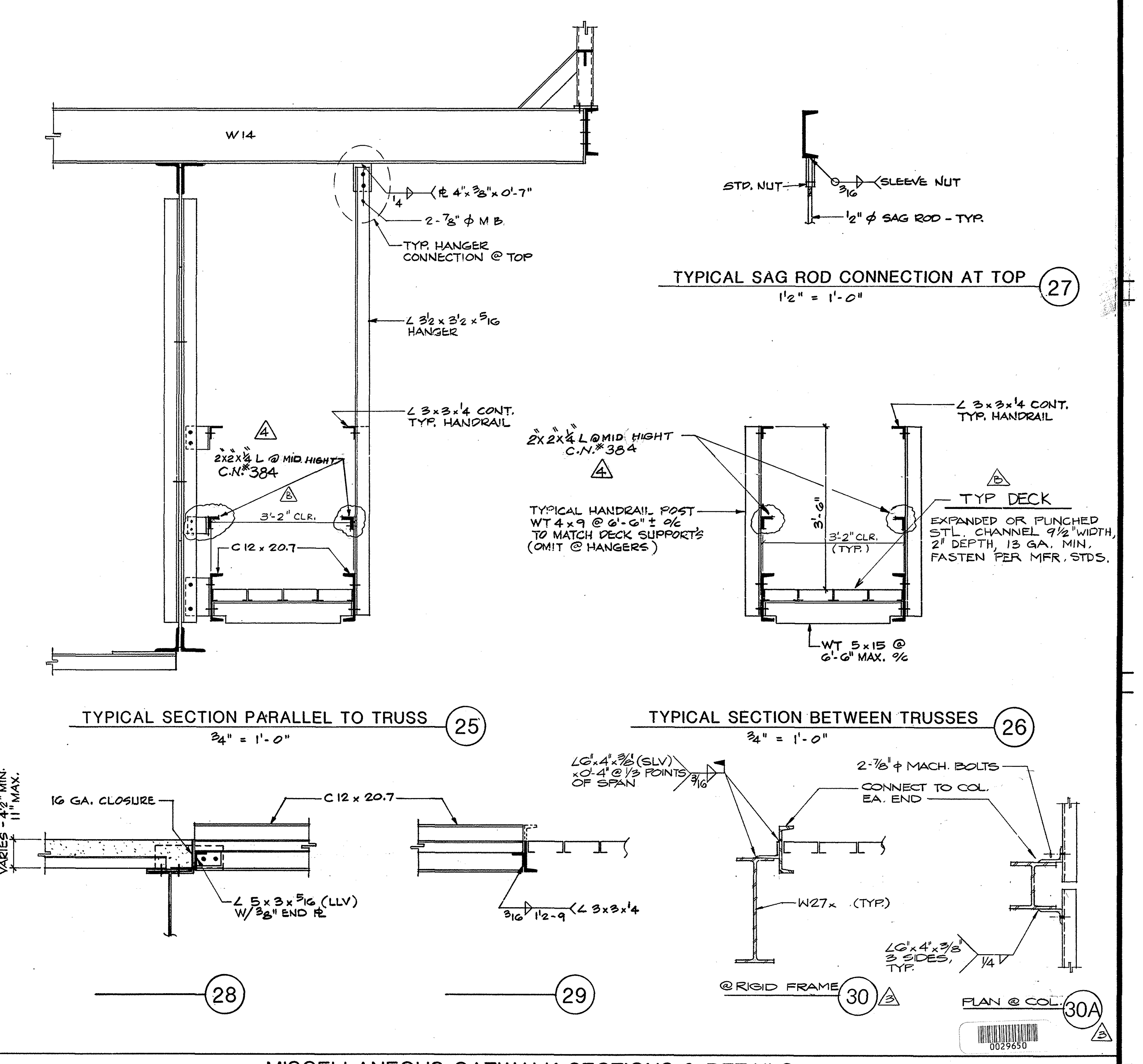
* SEE NOTE ON ① 3

CENTER SPLICE OF BOTTOM CHORD DETAIL & SCHEDULE ⑪ *1

TYPICAL VERTICAL CONNECTION DETAILS


1/4
F.P. (OPTIONAL)
13
∠ 6 x 3 1/2 x 5/16 (LLV)
3/16 6
16
3 1/2 x 3 1/2 x 5/16 x 0'-7" TO WF (PREHEAT AS REQUIRED)
3/16
∠ 5 x 3 x 1/4 (LLV) W/ END ℞'S - SIM. TO 28 S4.4.2
C12 x 20.7 TYP. CATWALK STRINGER
WELD GUSSET TO COL. & VERT. SHEAR ℞'S SIM. TO 13 S4.4.2
21
3
4 BOLTS EA. END, EA. T @ BT-1A & BT-2 TRUSS BAYS.
6 BOLTS EA. END, EA. T @ BT-1B TRUSS BAYS, TYP.
22
28 S4.4.2
ALTERNATE
14
29 S4.4.2
TYP. HANGER ∠ 3 1/2 x 3 1/2 x 5/16 W/ 2 - 7/8" ⌀ M.B. EA. LEG
17
TYP. HANGER ∠ 3 1/2 x 3 1/2 x 5/16 W/ 2 - 7/8" ⌀ M.B. EA. LEG
29 S4.4.2
3/16
END ℞ 8" x 5/16" x 1'-0 1/2" W/ 2 - 7/8" ⌀ M.B.
∠ 3 1/2 x 3 1/2 x 5/16 W/ 2 - 7/8" ⌀ M.B. EA. LEG
∠ 3 1/2 x 3 1/2 x 5/16 TYP. HANGER W/ 2 - 7/8" ⌀ M.B. TO CHANNEL
20
*2-T'S 4" x 3" x 1/4" (LLV) STRUTS TO EXTERIOR (WHERE OCCURS)
1
STITCH BOLTS & FILLS @ 24" O.C.
1/4
3" x 3/8" ℞ FOR SAG ROD CLEVIS
*6 1/2" x 1/4" ℞ @ STRUTS
2-7/8" ⌀ M.B. EA. END, TYP.
23
15
18
F.P.
19
24

TYPICAL PLAN CONNECTION DETAILS


W14
1/4
℞ 4" x 3/8" x 0'-7"
2 - 7/8" ⌀ M.B.
TYP. HANGER CONNECTION @ TOP
∠ 3 1/2 x 3 1/2 x 5/16 HANGER
∠ 3 x 3 x 1/4 CONT. TYP. HANDRAIL
4
2x2x1/4 L @ MID HIGHT C.N.#384
B
3'-2" CLR.
C 12 x 20.7
STD. NUT
3/16
SLEEVE NUT
1/2" ⌀ SAG ROD - TYP.
2x2x1/4 L @ MID HIGHT C.N.#384
4
TYPICAL HANDRAIL POST WT 4 x 9 @ 6'-6" ± O/C TO MATCH DECK SUPPORTS (OMIT @ HANGERS)
3'-6"
3'-2" CLR. (TYP.)
∠ 3 x 3 x 1/4 CONT. TYP. HANDRAIL
B
TYP DECK
EXPANDED OR PUNCHED STL. CHANNEL 9 1/2" WIDTH, 2" DEPTH, 13 GA. MIN. FASTEN PER MFR. STDS.
WT 5 x 15 @ 6'-6" MAX. O/C
VARIES - 4 1/2" MIN. 11" MAX.
16 GA. CLOSURE
C 12 x 20.7
∠ 5 x 3 x 5/16 (LLV) W/ 3/8" END ℞
3/16 1 1/2-9
∠ 3 x 3 x 1/4
28
29
∠ 6" x 4" x 3/8" (SLV) x 0'-4" @ 1/3 POINTS OF SPAN
3/16
2-7/8" ⌀ MACH. BOLTS
CONNECT TO COL. EA. END
W27x (TYP.)
∠ 6" x 4" x 3/8" 3 SIDES, TYP.
1/4
@ RIGID FRAME 30 3
PLAN @ COL. 30A 3

TYPICAL SAG ROD CONNECTION AT TOP ㉗
1 1/2" = 1'-0"

TYPICAL SECTION PARALLEL TO TRUSS ㉕
3/4" = 1'-0"

TYPICAL SECTION BETWEEN TRUSSES ㉖
3/4" = 1'-0"

0029650

MISCELLANEOUS CATWALK SECTIONS & DETAILS

AS BUILT

4 8-84 E-F R.F.I.#3, C.N.#384

3 6-1-84 GENERAL COORDINATION

1 6-1-82 BLDG. DEPT. CORRECTIONS

B 3-19-82 ADDENDUM B

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
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George E. Brandow

Architect of Record W.L.P.
Project Architect REM
Date FEB. 3, 1982
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City of Los Angeles Department of Airports
Date FEB. 3, 1982

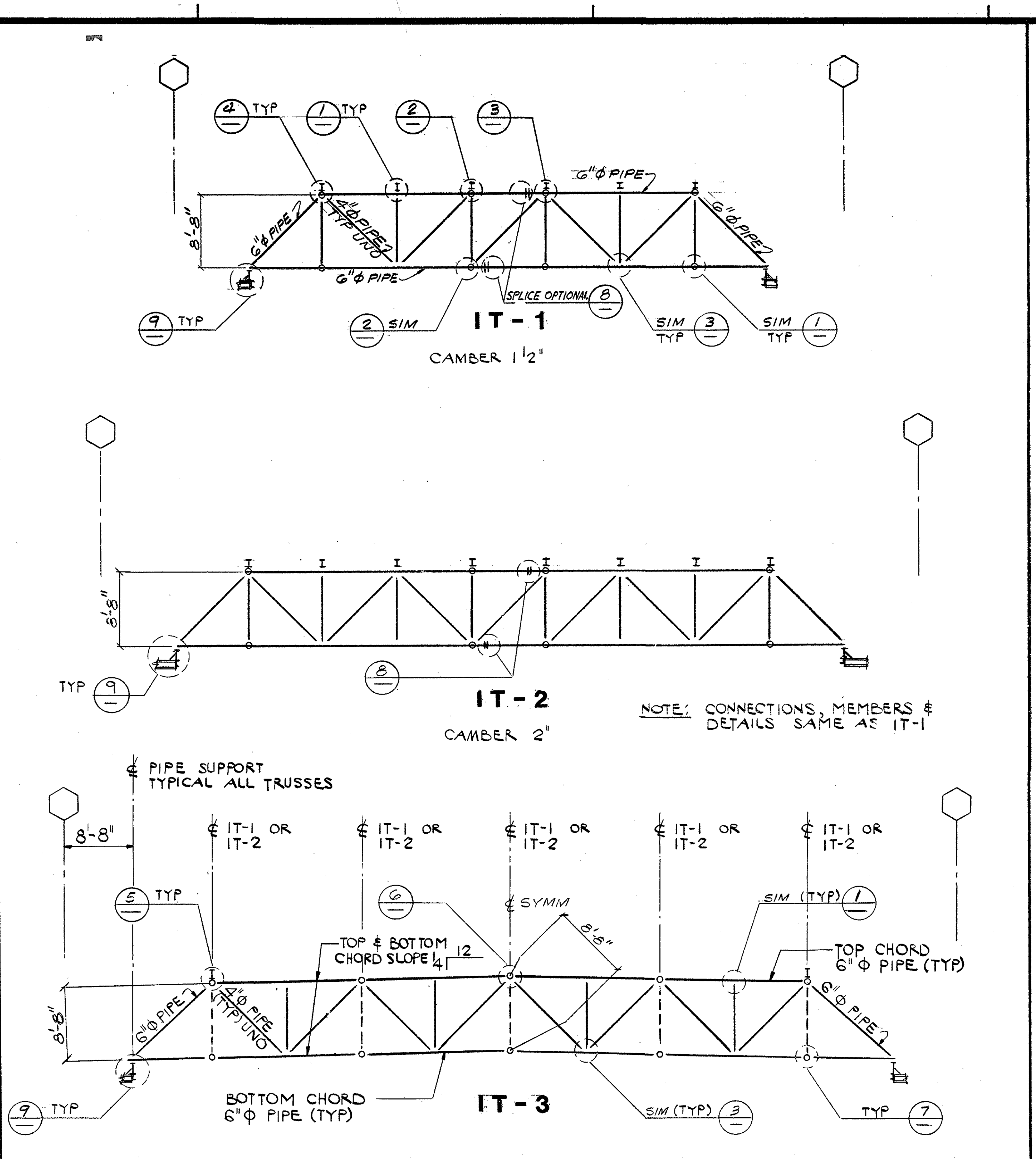
West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title TRUSS, CATWALK & HORIZONTAL BRACING DETAILS
Department of Airports Drawing No. 82001-600

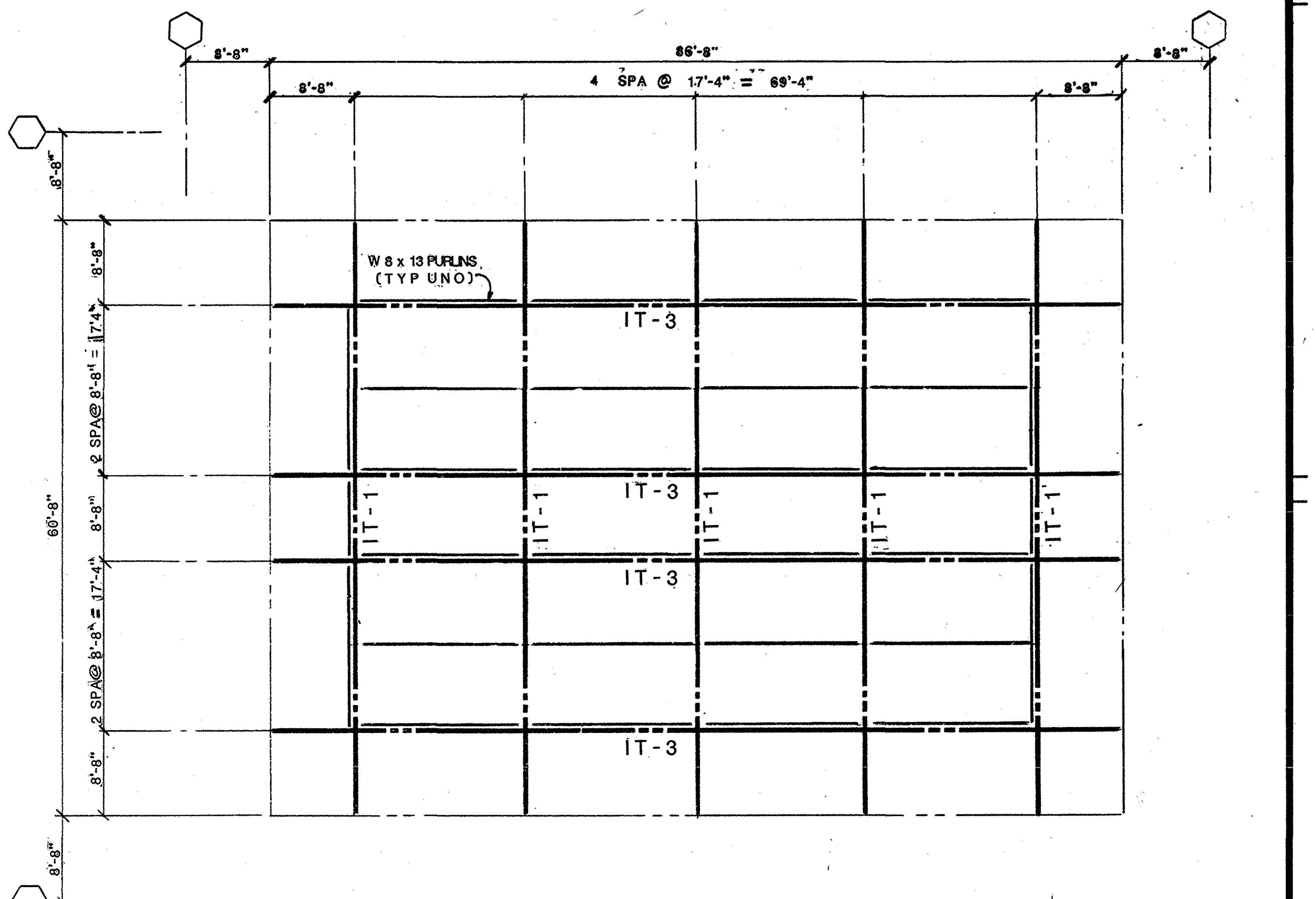
Designed by MM
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. **S4.4.2**
Sheet of Sheets

S.4.4.2

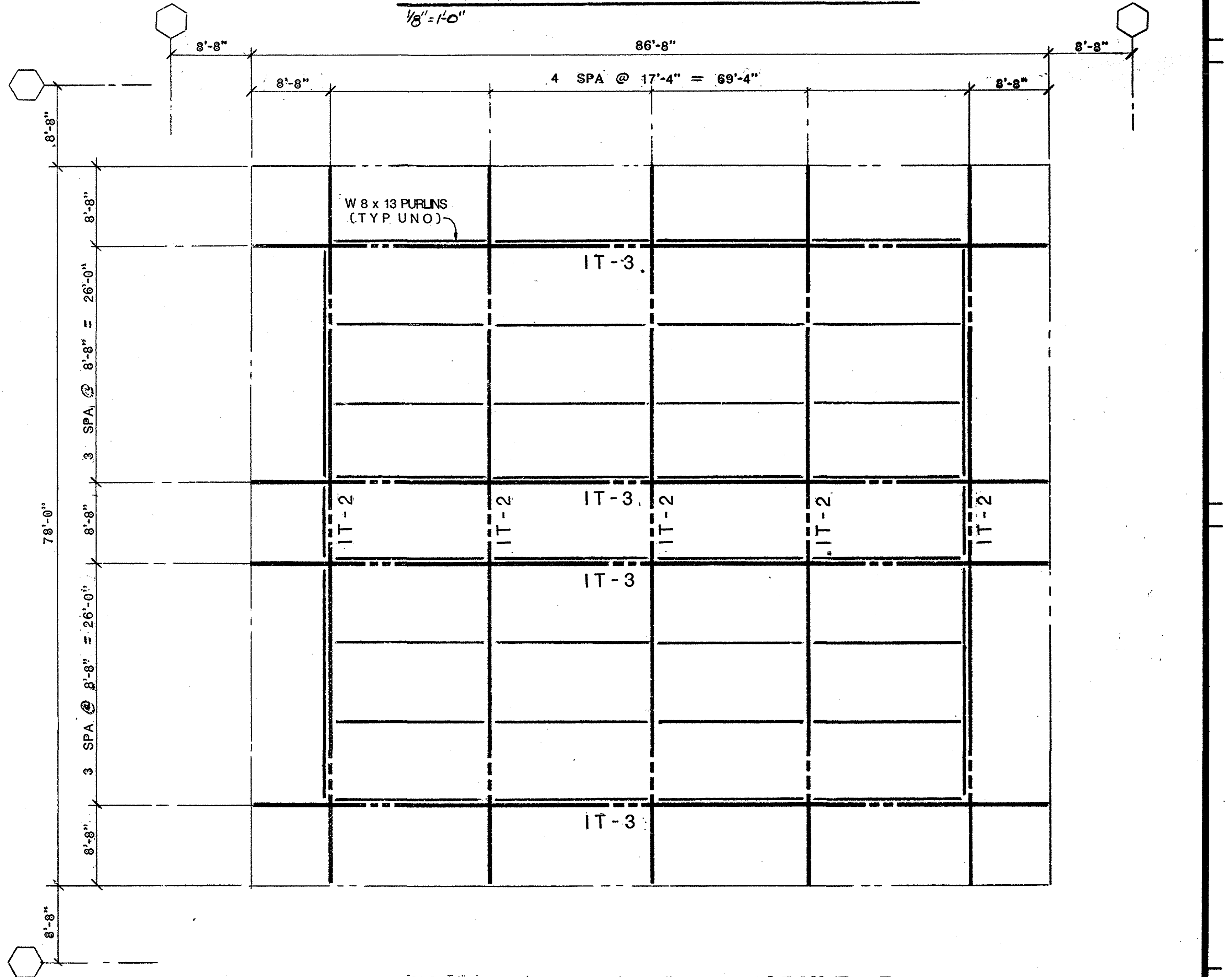


INFILL FRAMING TRUSS ELEVATIONS 1/8"=1'-0"



INFILL FRAMING PLAN MODULE A

1/8"=1'-0"

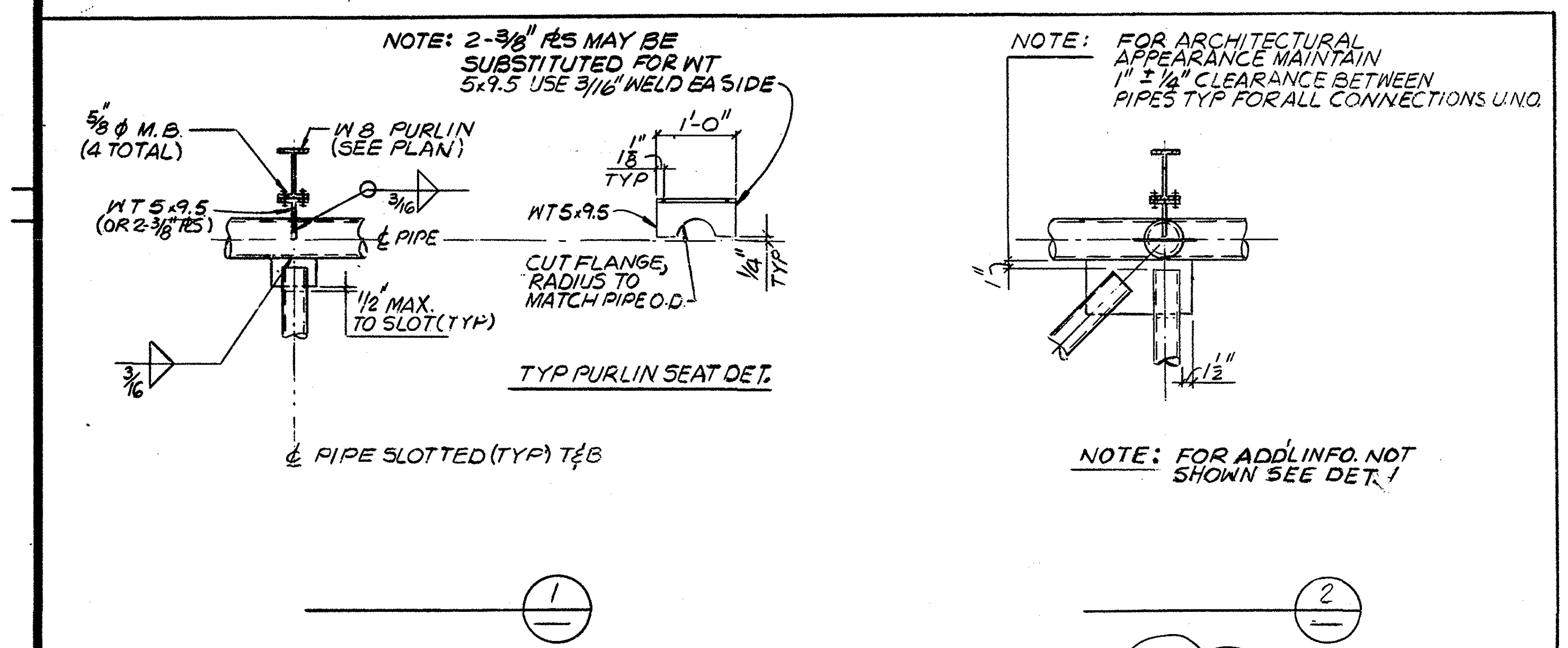


INFILL FRAMING PLAN MODULE B

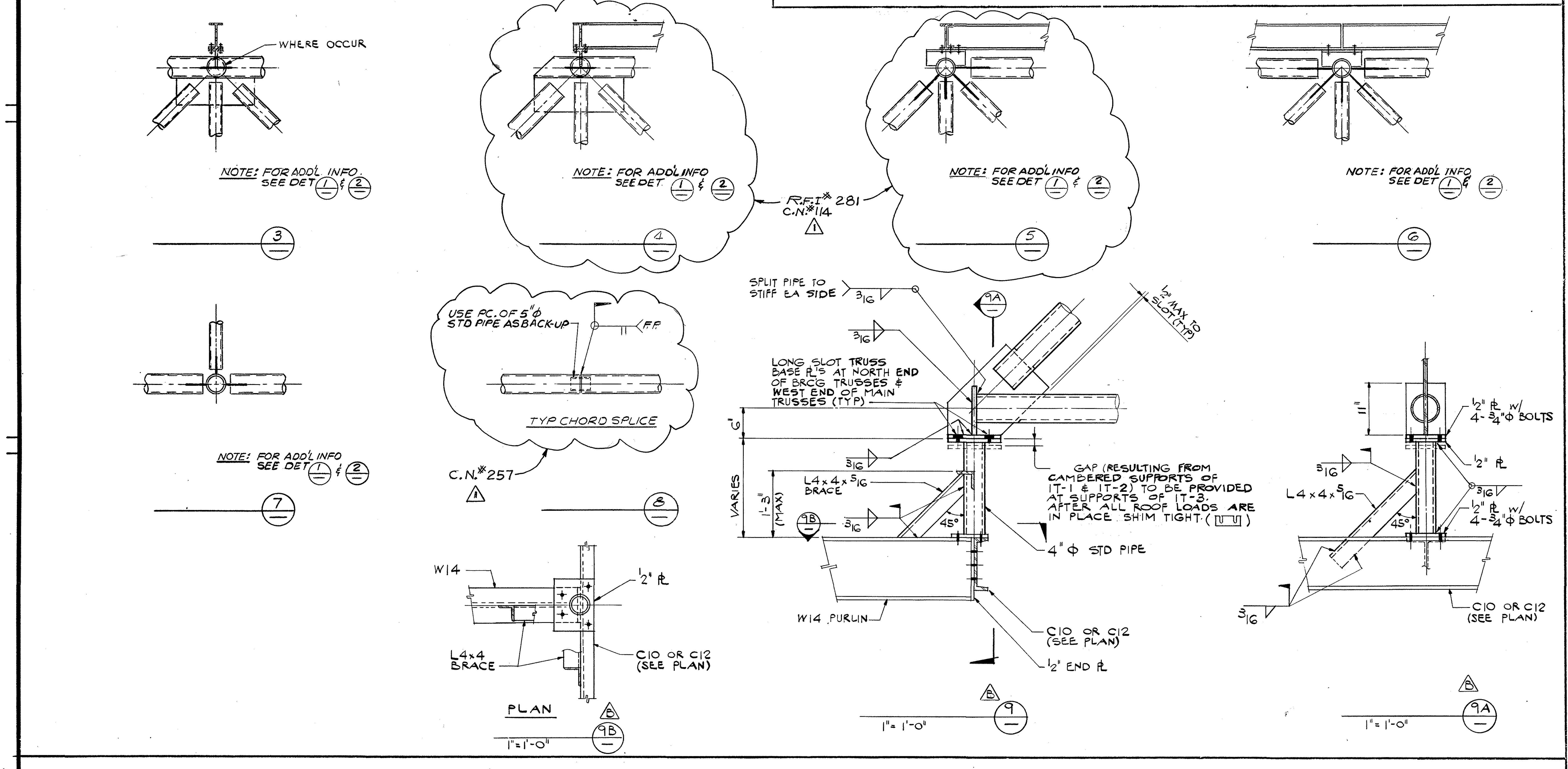
1/8"=1'-0"

NOTES:

1. ALL MEMBERS STD. PIPE, SLOT ENDS OVER GUSSETS @ ℄ PIPE TYP.
2. ALL GUSSETS & STIFFENER PLATES 3/8" U.N.O.
3. WELD SLOTTED PIPES EA. SIDE EA. END 4"Φ PIPES - 3/16" x 4" FILLETS
   6"Φ PIPES - 1/4" x 6" FILLETS
4. WELD VERTICAL GUSSETS TO CHORDS WITH 3/16" FILLETS EA. SIDE TYP.
   WELD HORIZONTAL GUSSETS WITH 1/4" FILLETS EA. SIDE TYP.



NOTE: 2-3/8" PLS MAY BE SUBSTITUTED FOR WT 5x9.5 USE 3/16" WELD EA SIDE
5/8"Φ M.B. (4 TOTAL)
W8 PURLIN (SEE PLAN)
WT 5x9.5 (OR 2-3/8" PLS)
℄ PIPE
1'-0"
WT 5x9.5
CUT FLANGE, RADIUS TO MATCH PIPE O.D.
½" MAX. TO SLOT (TYP)
TYP PURLIN SEAT DET.
℄ PIPE SLOTTED (TYP) T & B
1
NOTE: FOR ARCHITECTURAL APPEARANCE MAINTAIN 1" ± ½" CLEARANCE BETWEEN PIPES TYP FOR ALL CONNECTIONS U.N.O.
NOTE: FOR ADD'L INFO. NOT SHOWN SEE DET. 1
2



WHERE OCCUR
NOTE: FOR ADD'L INFO SEE DET 1 & 2
3
NOTE: FOR ADD'L INFO SEE DET 1 & 2
4
R.F.I.# 281 C.N.# 114
NOTE: FOR ADD'L INFO SEE DET 1 & 2
5
NOTE: FOR ADD'L INFO SEE DET 1 & 2
6
NOTE: FOR ADD'L INFO SEE DET 1 & 2
7
USE PC. OF 5"Φ STD PIPE AS BACK-UP
F.P.
TYP CHORD SPLICE
C.N.# 257
8
SPLIT PIPE TO STIFF EA SIDE 3/16
9A
½" MAX TO SLOT (TYP)
LONG SLOT TRUSS BASE PLS AT NORTH END OF BRCG TRUSSES & WEST END OF MAIN TRUSSES (TYP)
VARIES
1'-3" (MAX)
L4x4x5/16 BRACE
45°
GAP (RESULTING FROM CAMBERED SUPPORTS OF IT-1 & IT-2) TO BE PROVIDED AT SUPPORTS OF IT-3. AFTER ALL ROOF LOADS ARE IN PLACE SHIM TIGHT.
4"Φ STD PIPE
W14 PURLIN
C10 OR C12 (SEE PLAN)
½" END PL
9
1"=1'-0"
½" PL w/ 4-¾"Φ BOLTS
½" PL
L4x4x5/16
C10 OR C12 (SEE PLAN)
9A
1"=1'-0"
W14
½" PL
L4x4 BRACE
C10 OR C12 (SEE PLAN)
PLAN
9B
1"=1'-0"

INFILL TRUSS CONNECTION DETAILS 3/4"=1'-0" (UON)

AS BUILT	884 E.F. C.N.# 114, 257 R.F.I.# 281	3/19/82 ADDENDUM "B"

0029651

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

City of Los Angeles Department of Airports
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title INFILL FRAMING MODULES, PLANS, ELEV'S & DET'S
Department of Airports Drawing No. 82001-600

Designed by MM
Drawn by RH
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S4.4.3
Sheet of Sheets

S4.3

2'-2" TYP.
L6 x 3/8 x 0'-6" w/1-7/8"Φ BOLT IN 1 5/16" x 2" VERT. SLOT
3 SIDES
ROOF
EL. +97'-10"
SEE NOTE NO. 1 THIS SHEET
3 @ 3'-6" = 10'-6"
TS 8 x 4 x 1/4 @ 3RD PTS.
4'-4"
℄ GIRT
EL. 84'-2"
WELD AFTER ALL PRECAST PANELS ARE INSTALLED
LOUVER OR PRECAST PANEL SEE ARCH.
7'-5"
R.F.I. #412
NO SLAB @ 1B
EL. 74'-6"
L's PER DET 7
SEE NOTE NO. 1 THIS SHEET TYP.
1/4" BENT ℙ w/1-3/4"Φ BOLT IN 15/16" x 2" VERT. SLOT
C4 x 5.4 PER 7
TS 6 x 6 x 1/4 @ 3RD PTS.
NO SLAB @ 1B
DEPRESS SLAB WHERE OCCURS
EL. 60'-6"
PRECAST CONNECTION TO TUBES FOR VERT. AND HORIZ. SUPPORT
PRECAST PANELS SHALL BE SUPPORTED VERTICALLY FROM COLUMNS. CONNECT TO TUBES FOR HORIZ. LOADS (NORMAL TO FACE OF PANEL) ONLY
PRECAST ELEMENTS: FOR REINFORCING, CAST-IN PLATES, ANGLES AND INSERTS AND CONNECTIONS TO STRUCTURAL FRAME, SEE MANUFACTURER'S DRAWINGS. (WALL PANELS, COLUMN COVERS, SPANDREL COVERS, ETC.)
MATCH LINE
WELD L6 x 3 1/2 x 3/16 TO EA. SIDE OF TUBE
3/4"Φ ERECTION BOLT
END CLOSURE
2" MIN.
L EA. SIDE OF TUBE
3/4" MIN. OPEN JT.
C4 x 5.4
1/4" BENT ℙ
3/4"Φ BOLT-15/16" x 0'-2" SLOTTED HOLES IN ℙ
TYP. TUBE TO BM. CONN. U.N.O.
NO SLAB @ 1C
EL. 46'-6"
SEE NOTE NO. 1 THIS SHEET, TYP.
7 TYP. U.N.O.
EL. 32'-6"
WELDED STUDS TO RIGID FRAMES @ 24" o/c TYP. U.N.O. SEE 3 S4.2.1
NO SLAB @ 1C
EL. 20'-3"
L6 x 3 1/2 x 5/16 EA. SIDE TUBE w/ 3/4"Φ BOLT IN 15/16" x 0'-2" VERT. SLOTTED HOLES (NO WELD L'S TO TUBE)
TS 6 x 6 x 1/4 @ 3RD P'TS. TYP.
6 1/2 x 1/2 x 1'-0" ℙ w/ 2-3/4"Φ A. BOLTS
DEPRESS SLAB WHERE OCCURS
EL. + 8'-0"
1-#5 CONT.
2-#5 CONT.
@ LINE "B" SEE S5-45 R.F.I. #258-S.
FOR WALL SECTIONS AT MECH. BASEMENT (LINE 59) SEE DWG. S1.2.1.
SEE NOTES, 1/S5.1.1
TS 6 x 6 x 1/4 @ 3RD P'TS.
L's PER DET. 7 TYP.
EXP. JT. SEE ARCH.
FOR TUG RAMP DETAILS SEE SHT. S6.3.1
CONC. SLAB
EL. 16'-6"
6" x 3/8" x 1'-6 1/2" END ℙ
EL. + 11'-9"
PC OF W18 x 35
R.F.I. #154 C.N. #73
PAVING SEE ARCH'L
EL. + 4'-6"
1'-6"
DET'S SAME AS 2
L6 x 3 1/2 x 5/16 EA. SIDE SAME AS SECT. 1 EL. 20'-3"
TS 6 x 6 x 1/4 @ 3RD P'TS.
FOR CURB @ LINE 39 BET K-L
1-#5
#4 @ 18" EA. WAY
2-#5
EL. 0'-0"
TYP. 6" A.B. @ FLARED GB 6' DEPRESSED AREA R.F.I. #257
MATCH LINE
ROOF
STL. DECK
STL. BM.
L's PER DET. 7 SIM.
SLAB & BM. @ EL. 32'-6" SIM. TO BELOW
EL. 29'-0"
3'-0"
2'-8"
4" x 3/8" ℙ CONT. w/ #4 x @ 18"
EXP. JT. SEE ARCH.
CLOSURE ℙ
EL. 15'-0"
2" MIN.
STL. DECK (EA. SIDE AT 4A ONLY)
2-#5 CONT. TYP.
12" CONC. WALL AT LINE 39
#4 @ 18"
#5 @ 8"
#4 @ 12" EA. FACE
SEE PLAN FOR SECTION AT LINE 59
2-#5 CONT.
STEP FTG DOWN TO COL. FTG.
2'-0"
TYP. GR. BEAM
EL. +97'-10"
L PER SECT. 1A
STL. DECK
STL. BM.
TS 8 x 4 x 1/4 @ 3RD P'TS.
℄ GIRT
EL. 84'-2"
TYP.
EL. 74'-6"
STL. BM.
SEE NOTE 1 THIS SHT. TYP.
WINDOW OR PANEL SEE ARCH.
SEE NOTES ON 1/S5.1.1
TS 6 x 6 x 1/4 @ 3RD P'TS.
EL. 60'-6"
NOTE: DETAILS NOT CALLED OUT SAME AS 1A
MATCH LINE
TS 6 x 6 w/ CONN. PER 4
SEE DET 10/S5.1.2 FOR CANOPY CONN. AT WINDOW WALL
2'-0"
7'-6"
3/4"Φ w/4-1/2"Φ ANCH. BOLTS (3 TOTAL)
#4 @ 12" VERT. TYP.
#4 @ 12"
8'-0"
L7 x 4 x 3/8 w/ 3/4"Φ A. BOLT TYP. (2 L's EA. SIDE)
13 S5.2.3
CLOSURE ℙ
EL. 29'-0"
#4 @ 12" o/c w/ #5 CONT.
WT8 x 15.5 OPP. EA. BM.
TREATED LAGGING
PERMANENT TIE BACK & SHORING SYSTEM
CLOSURE ℙ
EL. 15'-0"
WT8 x 15.5 (SAME AS EL. 29'-0)
10" CONC. WALL. TYP. REINF. PER 9/S-1.1.1
EL. 0'-0"
2-#5 CONT.
TYP. GR. BM.
1'-10"

DETAIL 7
3/4" = 1'-0"

SECTION 1A 1B
1/2" = 1'-0"

SECTION 1 1C
1/2" = 1'-0"

SECTION 2

SECTION 3

SECTION 4 4A

SECTION 5A

SECTION 5

NOTE: 1. SEE PLANS FOR SLAB THICKNESS, DECK GAUGE, DECK AND BEAM SIZE AND ORIENTATION.

	AS BUILT		
2	884	R.F.I. #154, 412, 258-S, 257. C.N. #73, 434.	
1	6-1-82	BLDG. DEPT. CORRECTION	
A	3-8-82	ADDENDUM A	

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
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Date

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A JOINT VENTURE

City of Los Angeles Department of Airports
Clifford M. Packer
Date FEB. 3, 1982

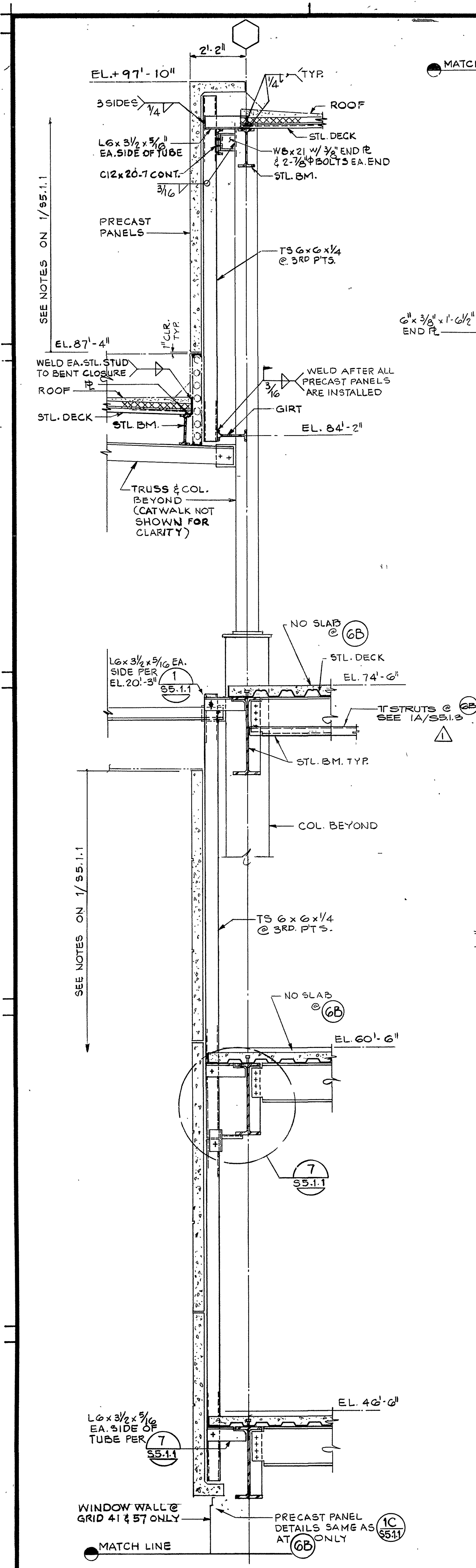
West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: WALL SECTIONS
Department of Airports Drawing No. 82001-600

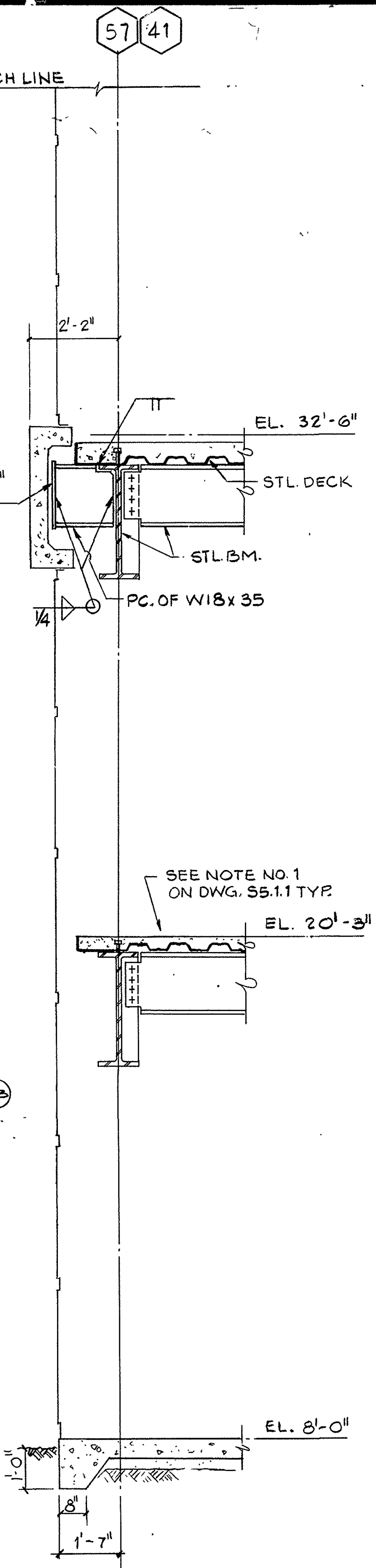
Designed by M.M.
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S5.1.1
Sheet of Sheets

S5.1.1

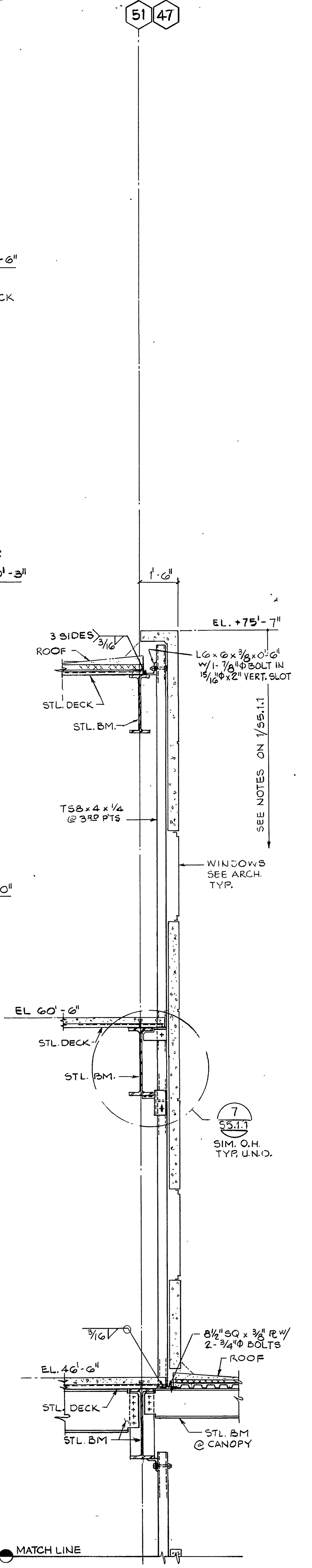

EL. + 97'-10"
2'-2"
3 SIDES 1/4
1/4 TYP.
ROOF
L6 x 3 1/2 x 5/16 EA. SIDE OF TUBE
STL. DECK
C12 x 20.7 CONT.
W8 x 21 w/ 3/8" END PL & 2-7/8"φ BOLTS EA. END
STL. BM.
PRECAST PANELS
TS 6 x 6 x 1/4 @ 3RD PTS.
SEE NOTES ON 1/S5.1.1
EL. 87'-4"
WELD EA. STL. STUD TO BENT CLOSURE PL
WELD AFTER ALL PRECAST PANELS ARE INSTALLED
ROOF
STL. DECK
STL. BM.
GIRT
EL. 84'-2"
TRUSS & COL. BEYOND (CATWALK NOT SHOWN FOR CLARITY)
NO SLAB @ 6B
STL. DECK
L6 x 3 1/2 x 5/16 EA. SIDE PER 1/S5.1.1
EL. 20'-3"
EL. 74'-6"
T STRUTS @ 6B SEE 1A/S5.1.8
STL. BM. TYP.
COL. BEYOND
TS 6 x 6 x 1/4 @ 3RD. PTS.
NO SLAB @ 6B
EL. 60'-6"
7/S5.1.1
EL. 46'-6"
L6 x 3 1/2 x 5/16 EA. SIDE OF TUBE PER 7/S5.1.1
WINDOW WALL @ GRID 41 & 57 ONLY
PRECAST PANEL DETAILS SAME AS 1C/S5.1.1 AT 6B ONLY
MATCH LINE

SECTION 6A 6B
1/2" = 1'-0"

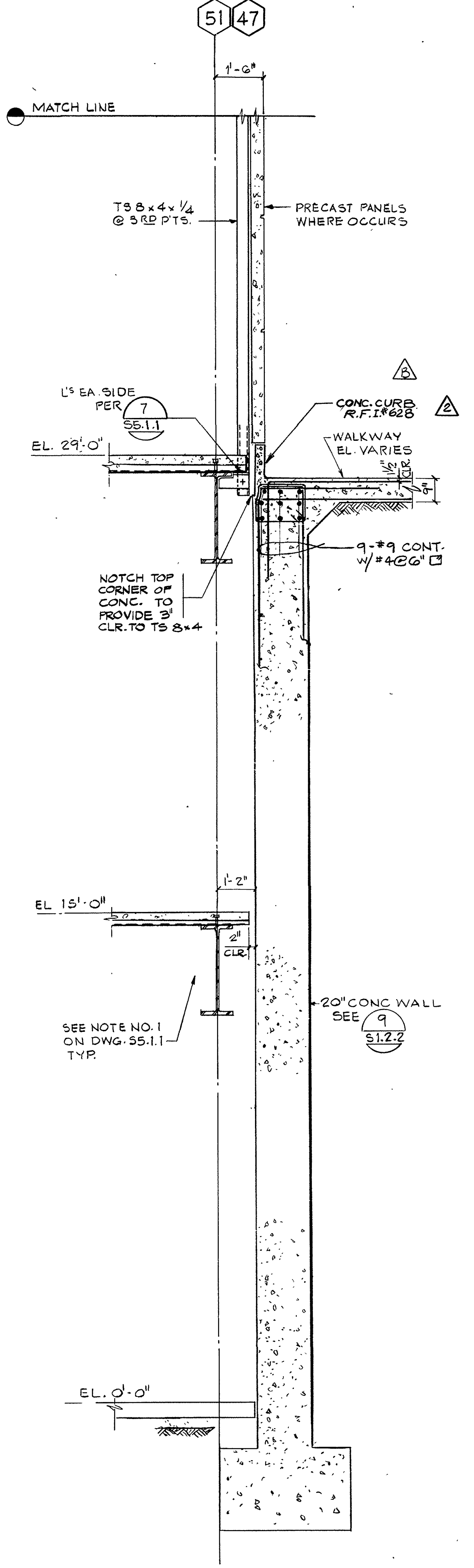


NOTE:
FOR WALL SECTIONS
AT MECH. BASEMENT
(LINE 57) SEE DWG.
S1.2.1.

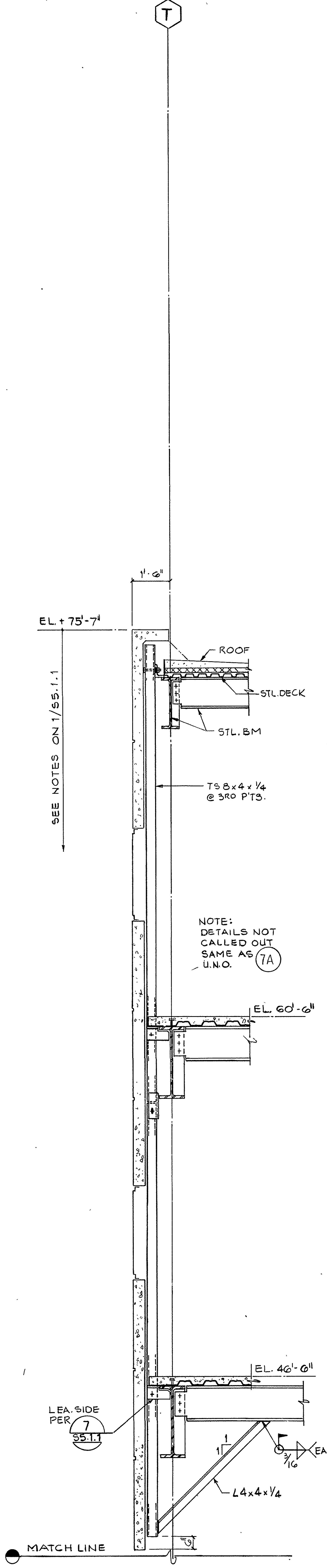
SECTION 6
1/2" = 1'-0"



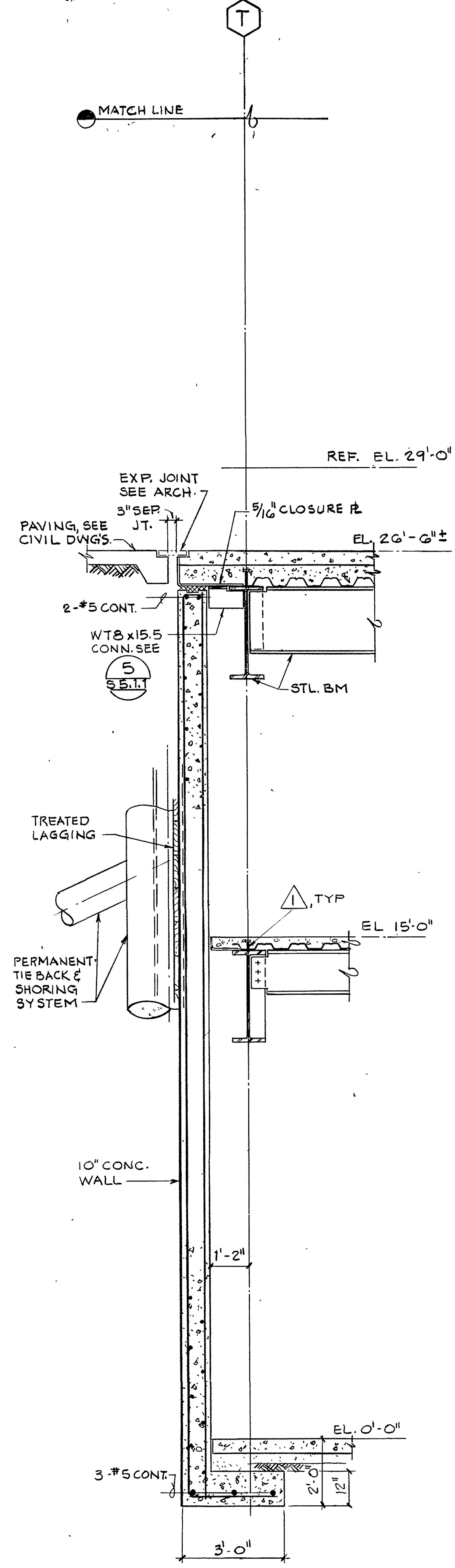
SECTION 7A


51 47
1'-6"
MATCH LINE
TS 8 x 4 x 1/4 @ 3RD PTS.
PRECAST PANELS WHERE OCCURS
L'S EA. SIDE PER 7/S5.1.1
EL. 29'-0"
CONC. CURB R.F.I. #628
WALKWAY EL. VARIES
NOTCH TOP CORNER OF CONC. TO PROVIDE 3" CLR. TO TS 8 x 4
9-#9 CONT. w/ #4 @ 6" □
EL. 15'-0"
1'-2"
2" CLR.
SEE NOTE NO. 1 ON DWG. S5.1.1 TYP.
20" CONC. WALL SEE 9/S1.2.2
EL. 0'-0"

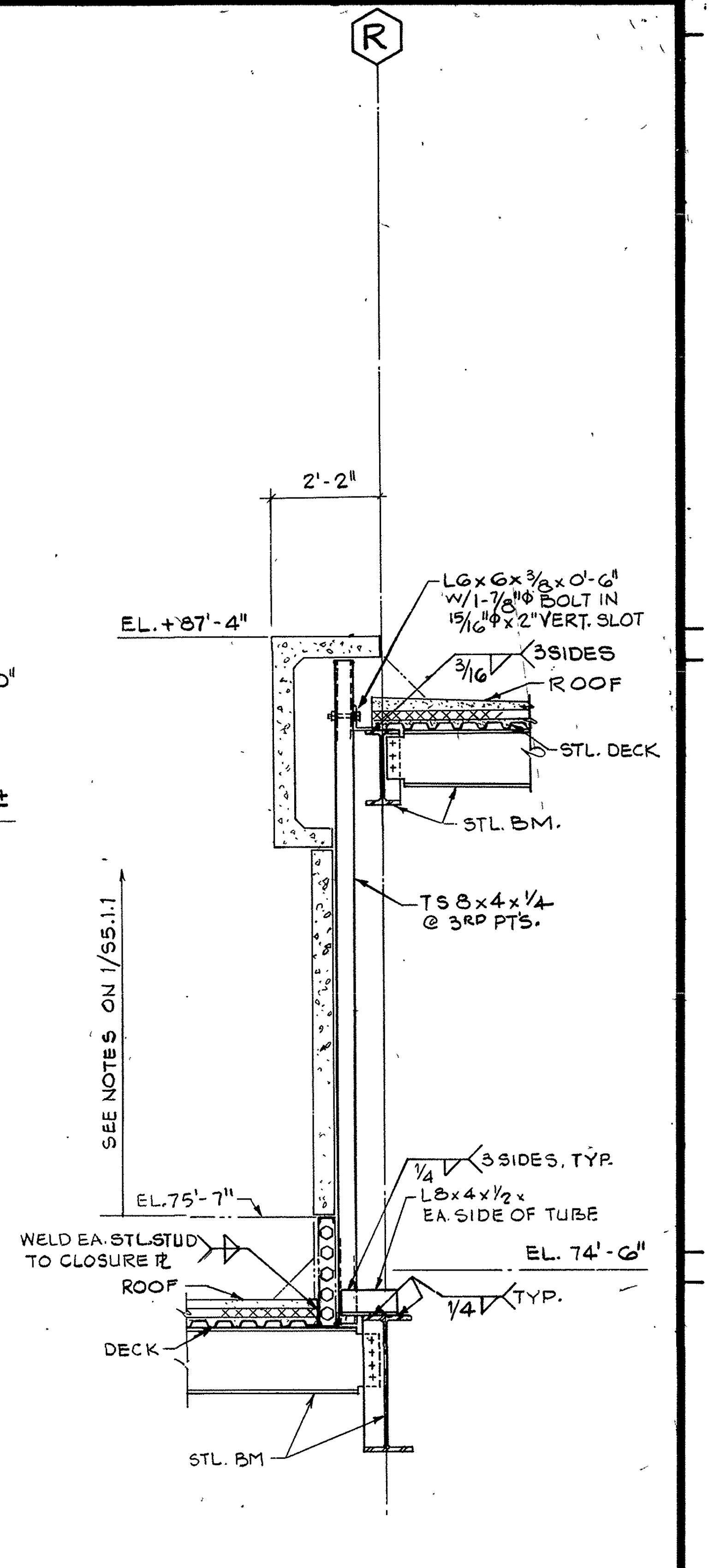
SECTION 7



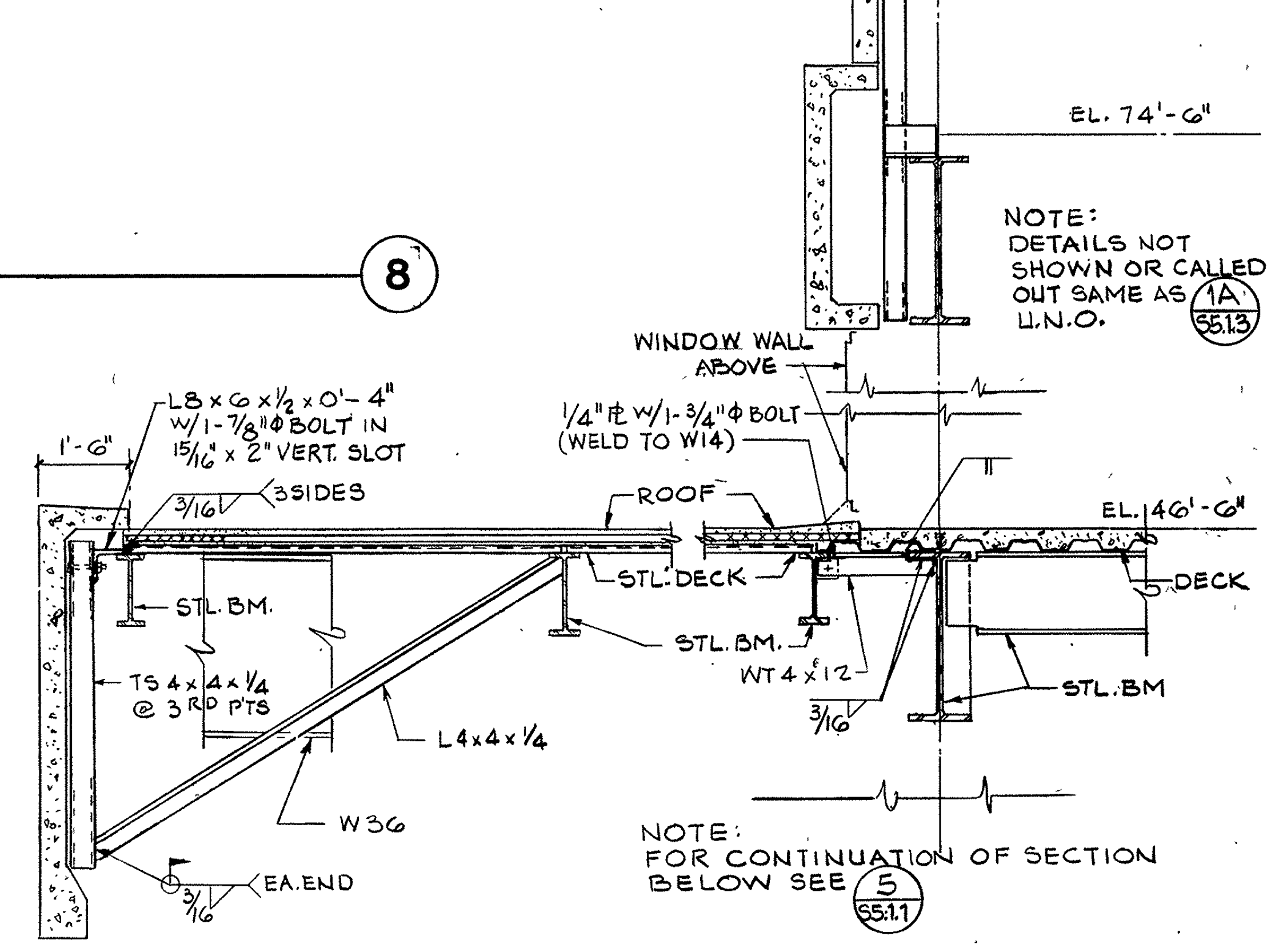
SECTION 8A



SECTION 8


R
2'-2"
EL. + 87'-4"
L6 x 6 x 3/8 x 0'-6" w/ 1-7/8"φ BOLT IN 15/16" x 2" VERT. SLOT
3/16 3 SIDES
ROOF
STL. DECK
STL. BM.
TS 8 x 4 x 1/4 @ 3RD PTS.
SEE NOTES ON 1/S5.1.1
EL. 75'-7"
3 SIDES, TYP.
L8 x 4 x 1/2 EA. SIDE OF TUBE
WELD EA. STL. STUD TO CLOSURE PL
EL. 74'-6"
ROOF
1/4 TYP.
DECK
STL. BM

SECTION 9


R
EL. + 87'-4"
TS 8 x 4 x 1/4 @ 3RD PTS.
EL. 74'-6"
NOTE: DETAILS NOT SHOWN OR CALLED OUT SAME AS 1A/S5.1.3 U.N.O.
WINDOW WALL ABOVE
1'-6"
L8 x 6 x 1/2 x 0'-4" w/ 1-7/8"φ BOLT IN 15/16" x 2" VERT. SLOT
3/16 3 SIDES
1/4" PL w/ 1-3/4"φ BOLT (WELD TO W14)
ROOF
EL. 46'-6"
STL. DECK
DECK
STL. BM.
TS 4 x 4 x 1/4 @ 3RD PTS
STL. BM.
WT 4 x 12
STL. BM
L4 x 4 x 1/4
W36
EA. END
NOTE: FOR CONTINUATION OF SECTION BELOW SEE 5/S5.1.1

SECTION 10

AS BUILT

1	6-1-82		BLDG. DEPT. CORRECTIONS
2	8-84	E.F.	R.F.I. #628.
B	3-1982		ADDENDUM B

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

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A JOINT VENTURE

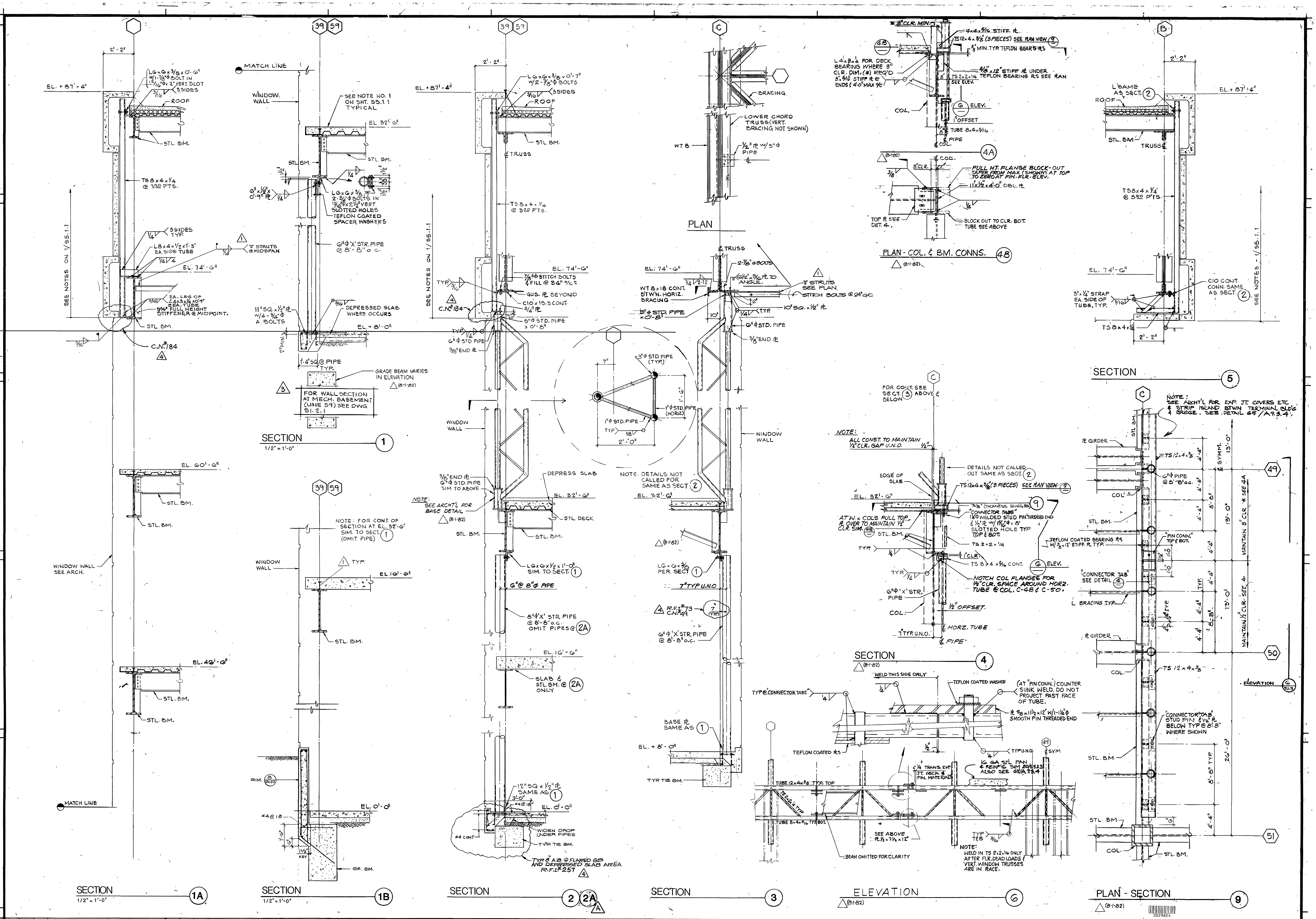
City of Los Angeles
Department of Airports
Walter Pache
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title WALL SECTIONS
Department of Airports Drawing No. 82001-600

Designed by MM
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S5.1.2
Sheet of Sheets



EL. + 87'-4"
2'-2"
L6x6x3/8x0'-6" W/1-7/8"φ BOLT IN 1 1/16"φ x 2" VERT SLOT
3/16 3 SIDES
ROOF
STL. BM.
TS 8x4x1/4 @ 3RD P'TS.
SEE NOTES ON 1/S5.1.1
3 SIDES TYP.
L8x4x1/2x1'-3" EA. SIDE TUBE
EL. 74'-6"
EA. LEG OF L4x3x1/4x0'-4" EA. TUBE
5/16" FULL HEIGHT STIFFENER @ MIDPOINT
C.N.#184
"T" STRUTS @ MIDSPAN
MATCH LINE
WINDOW WALL
SEE NOTE NO. 1 ON SHT. S5.1.1 TYPICAL
EL 32'-6"
L6x6x3/8 W/ 2-3/4"φ BOLTS IN 13/16"φ x 2 1/2" VERT SLOTTED HOLES TEFLON COATED SPACER WASHERS
6"φ 'X' STR. PIPE @ 8'-8" o.c.
11" SQ. x 1/2" ℄ W/4-3/4"φ A. BOLTS
DEPRESSED SLAB WHERE OCCURS
EL + 8'-0"
1'-4" SQ @ PIPE TYP.
GRADE BEAM VARIES IN ELEVATION
FOR WALL SECTION AT MECH. BASEMENT (LINE 59) SEE DWG S1.2.1
L6x6x3/8x0'-7" W/2-7/8"φ BOLTS
℄ TRUSS
TS 8x4x1/4 @ 3RD P'TS.
7/8"φ STITCH BOLTS & FILL @ 34" c/c
GUS. ℄ BEYOND
C10x15.3 CONT.
5"φ STD. PIPE x 0'-8"
6"φ STD PIPE
3/8" END ℄
3"φ STD. PIPE (TYP.)
1"φ STD. PIPE (HORIZ.)
1"φ STD. PIPE
DEPRESS SLAB
STL DECK
L6x6x1/2x1'-0" SIM. TO SECT. 1
6"@ 8"φ PIPE
8"φ 'X' STR PIPE @ 8'-8" o.c. OMIT PIPES @ 2A
EL. 16'-6"
SLAB & STL BM. @ 2A ONLY
12" SQ x 1/2" ℄ SAME AS 1
WIDEN DROP UNDER PIPES
TYP TIE BM.
TYP 6 A.B. @ FLARED GB AND DEPRESSED SLAB AREA R.F.I.#257
EL. 0'-0"
#4 @ 18
GR. BM.
EL. 60'-6"
EL. 46'-6"
WINDOW WALL SEE ARCH.
NOTE: FOR CONT. OF SECTION AT EL. 32'-6" SIM. TO SECT. 1 (OMIT PIPE)
PLAN
BRACING
LOWER CHORD TRUSS (VERT. BRACING NOT SHOWN)
WT 8
1/2" ℄ W/ 5"φ PIPE
WT 8x18 CONT. BTWN. HORIZ. BRACING
"T" STRUTS SEE PLAN
STITCH BOLTS @ 24" o/c
10" SQ. x 1/2" ℄
NOTE: DETAILS NOT CALLED FOR SAME AS SECT 2
LG x 6 x 3/8 PER SECT 1
7" TYP U.N.O.
R.F.I.#73 C.N.#49
6"φ 'X' STR. PIPE @ 8'-8" o.c.
BASE ℄ SAME AS 1
TYP TIE BM.
TS 12x4x3/8 (3 PIECES) SEE PLAN VIEW 9
3/8" MIN. TYP TEFLON BEAR'G ℄S
L4x3x1/4 FOR DECK BEARING WHERE 3" CLR. DIM. (*) REQ'D
3/8"x12" STIFF ℄ UNDER TEFLON BEARING ℄S SEE PLAN
COL.
1" OFFSET
TUBE 8x4x5/16
PIPE
FULL HT. FLANGE BLOCK-OUT TAPER FROM MAX (SHOWN) AT TOP TO ZERO AT FIN. FLR. ELEV.
BLOCK OUT TO CLR. BOT. TUBE SEE ABOVE
PLAN - COL. & BM. CONNS. 4B
4A
NOTE: ALL CONST. TO MAINTAIN 1/2" CLR. GAP U.N.O.
DETAILS NOT CALLED OUT SAME AS SECT. 2
"CONNECTOR TABS"
NOTCH COL FLANGES FOR 1/2" CLR. SPACE AROUND HORZ. TUBE @ COL. C-48 & C-50.
1/2" OFFSET
HORZ. TUBE
TEFLON COATED WASHER
WELD THIS SIDE ONLY
TUBE 12x4x3/8 TYP. TOP
TUBE 8x4x5/16 TYP. BOT.
BEAM OMITTED FOR CLARITY
NOTE: WELD IN TS 2x2x1/4 ONLY AFTER FLR. DEAD LOADS & VERT. WINDOW TRUSSES ARE IN PLACE.
SECTION 5
NOTE: SEE ARCH'L FOR EXP. JT. COVERS ETC. & STRIP ISLAND BTWN TERMINAL BLD'G & BRIDGE. SEE DETAIL 65/A9.3.4.
℄ GIRDER
TS 12x4x3/8
6"φ PIPE @ 8'-8" o.c.
L BRACING TYP.
49
50
51
ELEVATION 6
L SAME AS SECT. 2
C10 CONT. CONN. SAME AS SECT. 2
TS 8x4x1/4

SECTION ① 1/2" = 1'-0"

SECTION (1A) 1/2" = 1'-0"

SECTION (1B) 1/2" = 1'-0"

SECTION ② (2A)

SECTION ③

SECTION ④ (8-1-82)

ELEVATION ⑥ (8-1-82)

PLAN - SECTION ⑨ (8-1-82)

AS BUILT		
4	8-84	C.N.#184, 49, 296. R.F.I.#73, 257.
1	6-1-82	BLDG. DEPT. CORRECTIONS
3	6-1-84	GENERAL COORDINATION
A	5-8-82	ADDENDUM A

BRANDOW & JOHNSTON ASSOCIATES
BENTO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

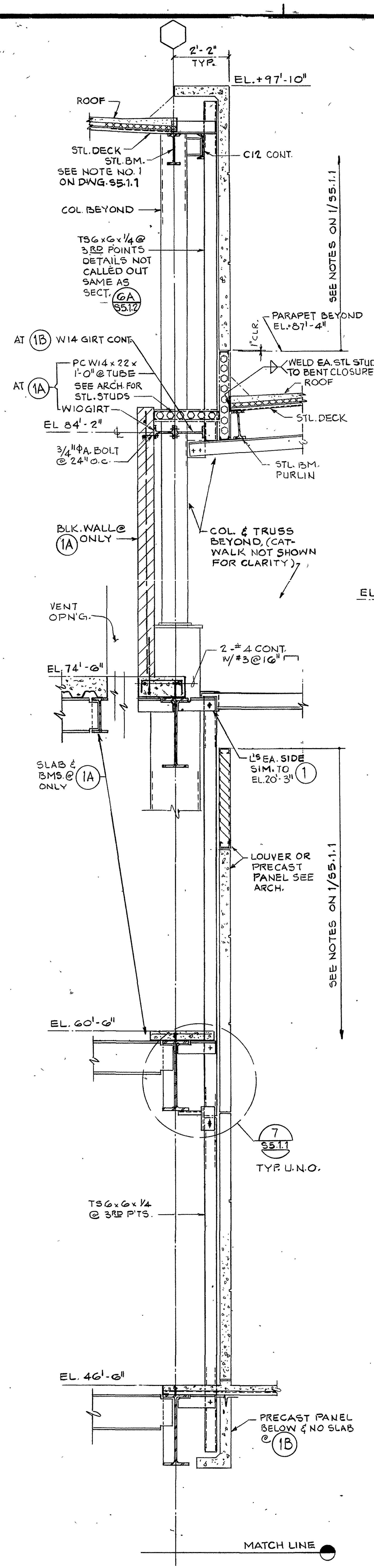
City of Los Angeles Department of Airport
Date FEB. 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: WALL SECTIONS
Department of Airports Drawing No. 82001-600

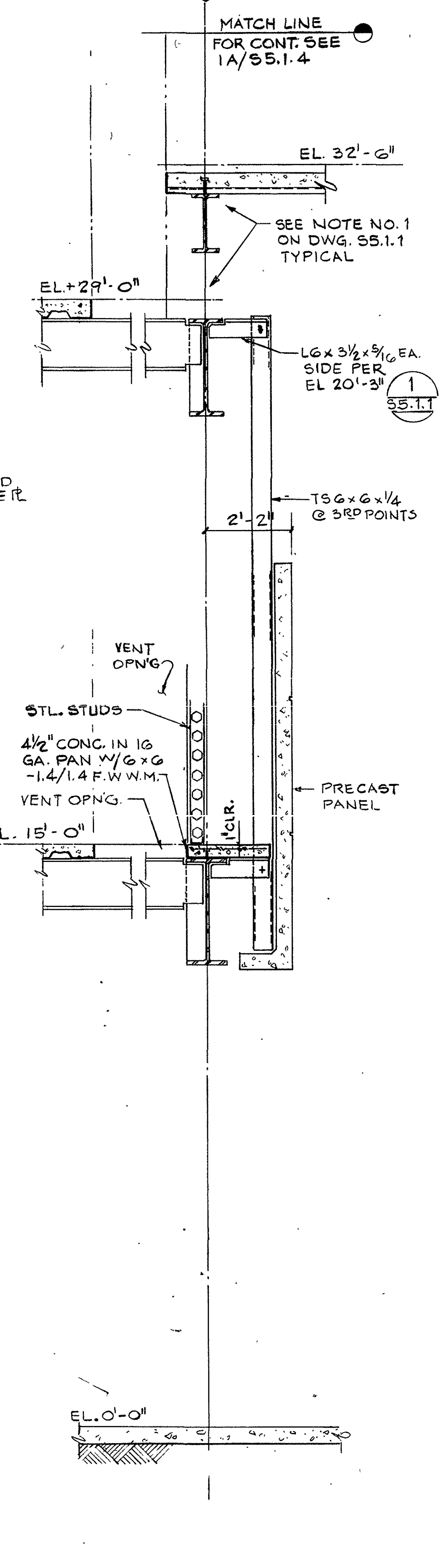
Designed by MM
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

Drawing No. S5.1.3
Sheet of Sheets



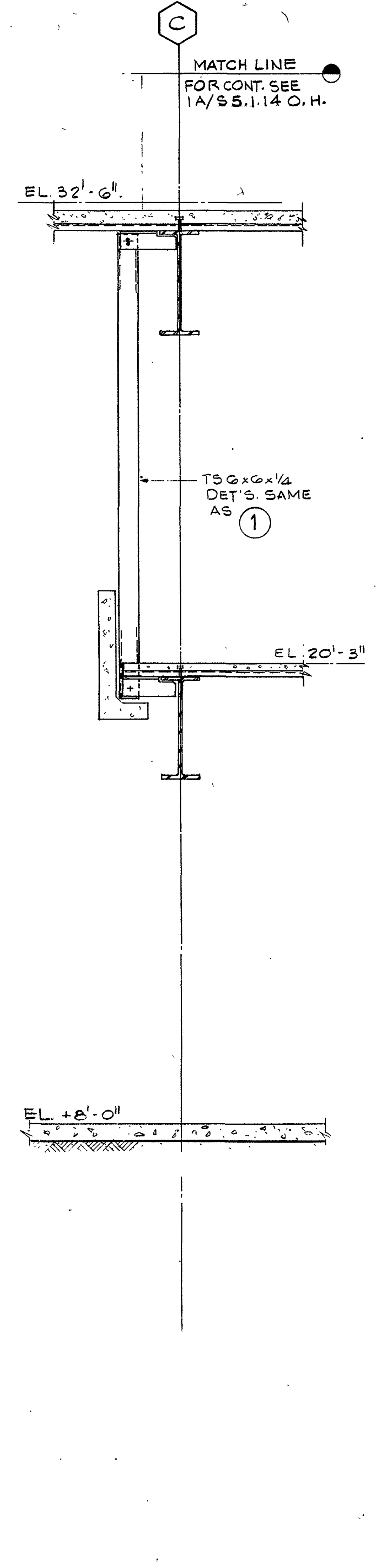
2'-2" TYP.
EL.+97'-10"
ROOF
STL.DECK
STL.BM.
SEE NOTE NO. 1 ON DWG. S5.1.1
C12 CONT.
COL BEYOND
TS6x6x¼@ 3RD POINTS DETAILS NOT CALLED OUT SAME AS SECT. 6A S5.1.2
AT 1B W14 GIRT CONT.
PARAPET BEYOND EL. 87'-4"
AT 1A PC W14x22x1'-0"@TUBE SEE ARCH. FOR STL. STUDS W10 GIRT
WELD EA. STL STUD TO BENT CLOSURE PL
ROOF
STL. DECK
EL 84'-2"
¾"ΦA. BOLT @24"O.C.
STL. BM. PURLIN
BLK. WALL @ 1A ONLY
COL. & TRUSS BEYOND (CATWALK NOT SHOWN FOR CLARITY)
SEE NOTES ON 1/S5.1.1
VENT OPN'G.
2-#4 CONT. W/#3@16"
EL. 74'-6"
SLAB & BMS. @ 1A ONLY
L'S EA. SIDE SIM. TO EL 20'-3" 1
LOUVER OR PRECAST PANEL SEE ARCH.
SEE NOTES ON 1/S5.1.1
EL. 60'-6"
7 S5.1.1 TYP. U.N.O.
TS6x6x¼ @ 3RD PTS.
EL. 46'-6"
PRECAST PANEL BELOW & NO SLAB @ 1B
MATCH LINE

SECTION 1A 1B
1/2"-1'-0"

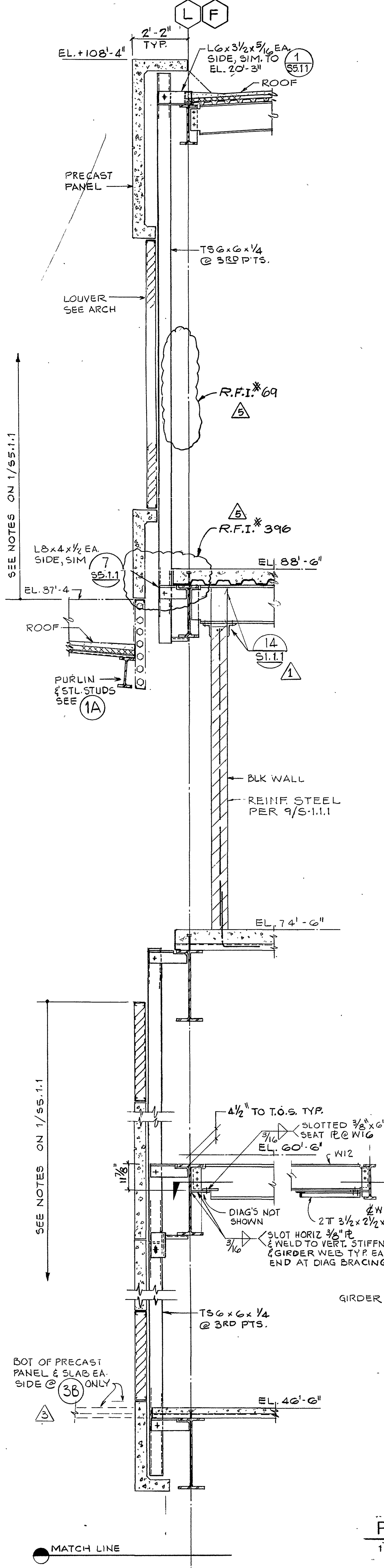


P
MATCH LINE FOR CONT. SEE 1A/S5.1.4
EL. 32'-6"
SEE NOTE NO. 1 ON DWG. S5.1.1 TYPICAL
EL.+29'-0"
L6x3½x5/16 EA. SIDE PER EL 20'-3" 1 S5.1.1
2'-2"
TS6x6x¼ @ 3RD POINTS
VENT OPN'G
STL. STUDS
4½" CONC. IN 16 GA. PAN W/6x6-1.4/1.4 F.W.W.M.
VENT OPN'G.
1" CLR.
EL. 15'-0"
PRECAST PANEL
EL. 0'-0"

SECTION 1
1/2" =1'-0"

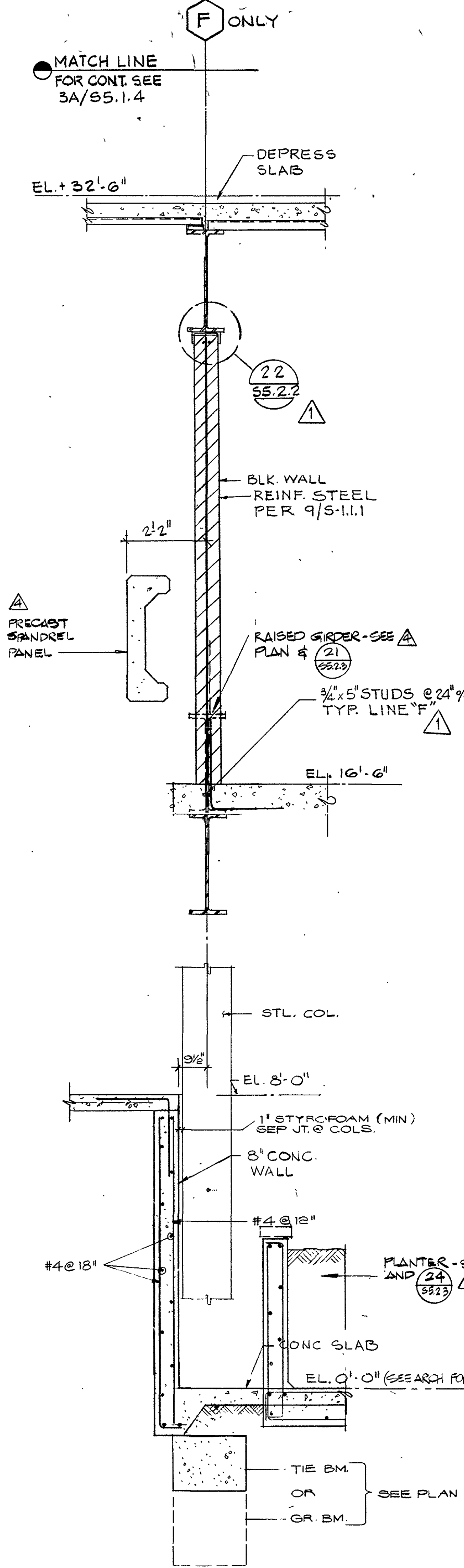


SECTION 2



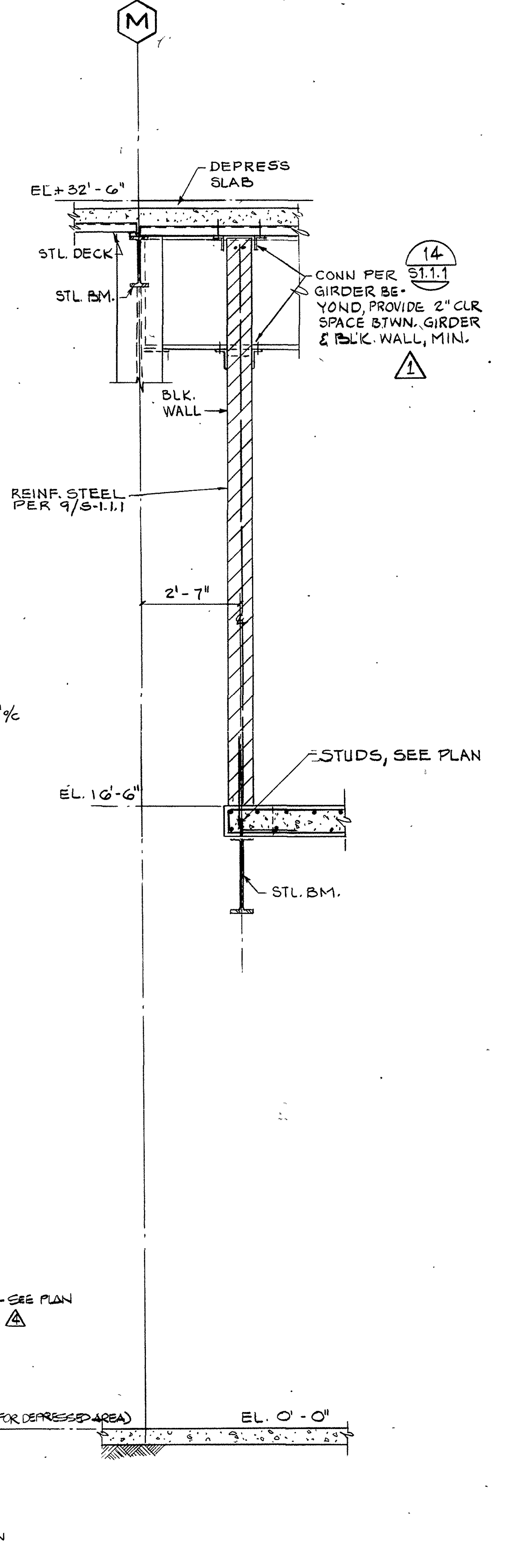
L F
2'-2" TYP.
EL.+108'-4"
L6x3½x5/16 EA. SIDE, SIM. TO EL. 20'-3" 1 S5.1.1
ROOF
PRECAST PANEL
TS6x6x¼ @ 3RD P'TS.
LOUVER SEE ARCH
R.F.I.#69 5
SEE NOTES ON 1/S5.1.1
5 R.F.I.# 396
L8x4x½ EA. SIDE, SIM 7 S5.1.1
EL. 88'-6"
EL. 87'-4
ROOF
14 S5.1.1 1
PURLIN & STL. STUDS SEE 1A
BLK WALL
REINF. STEEL PER 9/S-1.1.1
EL. 74'-6"
SEE NOTES ON 1/S5.1.1
4½" TO T.O.S. TYP.
SLOTTED 3/8"x6" SEAT PL @ W16
EL. 60'-6"
W12
6
DIAG'S NOT SHOWN
2T 3½x2½x¼
SLOT HORIZ 3/8" PL & WELD TO VERT. STIFFNR. & GIRDER WEB TYP. EA. END AT DIAG BRACING
TS6x6x¼ @ 3RD PTS.
BOT OF PRECAST PANEL & SLAB EA. SIDE @ 3B ONLY
EL. 46'-6"
MATCH LINE

SECTION 3A 3B 5



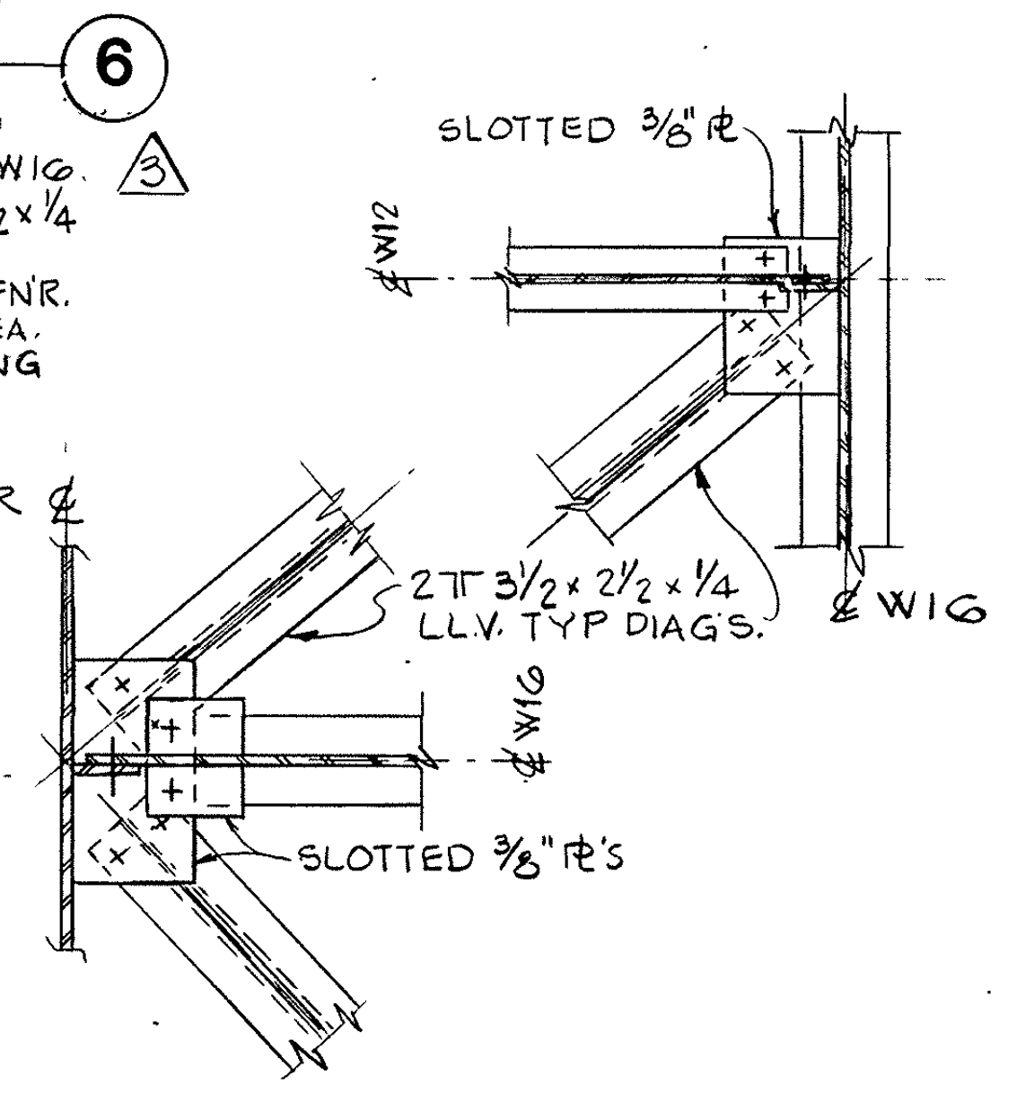
F ONLY
MATCH LINE FOR CONT. SEE 3A/S5.1.4
EL.+32'-6"
DEPRESS SLAB
22 S5.2.2 1
2'-2"
PRECAST SPANDREL PANEL
BLK. WALL
REINF. STEEL PER 9/S-1.1.1
RAISED GIRDER-SEE A PLAN & 21 S5.2.3
¾"x5" STUDS @24" o/c TYP. LINE "F" 1
EL. 16'-6"
STL. COL.
EL. 8'-0"
1" STYROFOAM (MIN) SEP. JT. @ COLS.
8" CONC. WALL
#4@18"
PLANTER-SEE PLAN AND 24 S5.2.3 A
CONC SLAB
EL. 0'-0" (SEE ARCH. FOR DEPRESSED AREA)
TIE BM. OR GR. BM.
SEE PLAN

SECTION 3 A



M
DEPRESS SLAB
EL.+32'-6"
STL. DECK
STL. BM.
CONN PER 14 S5.1.1 GIRDER BEYOND, PROVIDE 2" CLR SPACE BTWN. GIRDER & BLK. WALL, MIN. 1
BLK. WALL
REINF. STEEL PER 9/S-1.1.1
2'-7"
STUDS, SEE PLAN
EL. 16'-6"
STL. BM.
EL. 0'-0"

SECTION 4



PLAN SECTION 3 6
1"-1'-0"

0029655

AS BUILT			
5	8.84	E.F.	R.F.I.#69,396,13. C.N.#35.
4	11-82		F.I.S. REVISION
3	6-1-82		GENERAL COORDINATION
1	6-1-82		BLDG. DEPT. CORRECTION
A	3-6-82		ADDENDUM A

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
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Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title WALL SECTIONS
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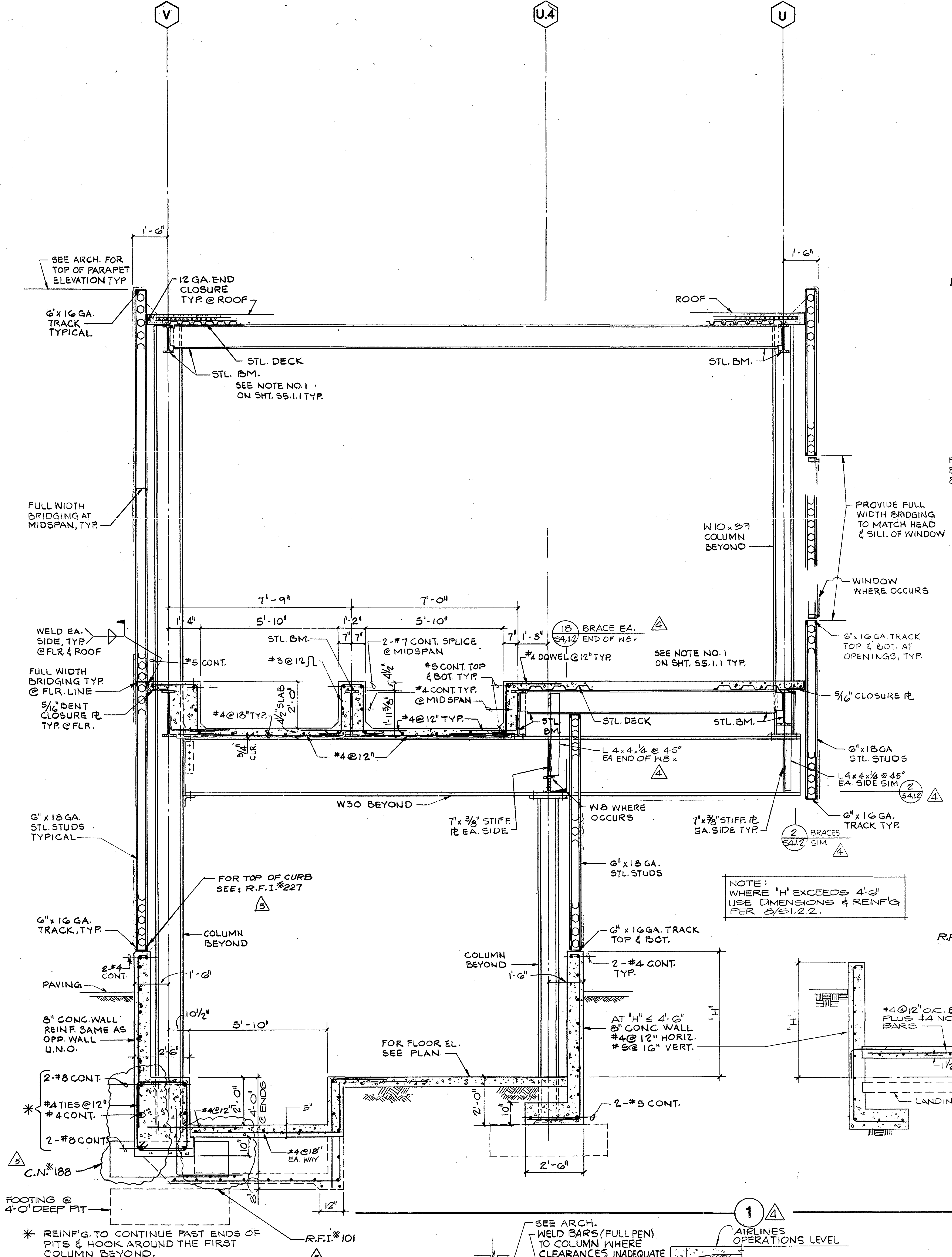
Designed by MM
Drawn by
Chief Architect JDW/BAS
PDSW Project No. 79000

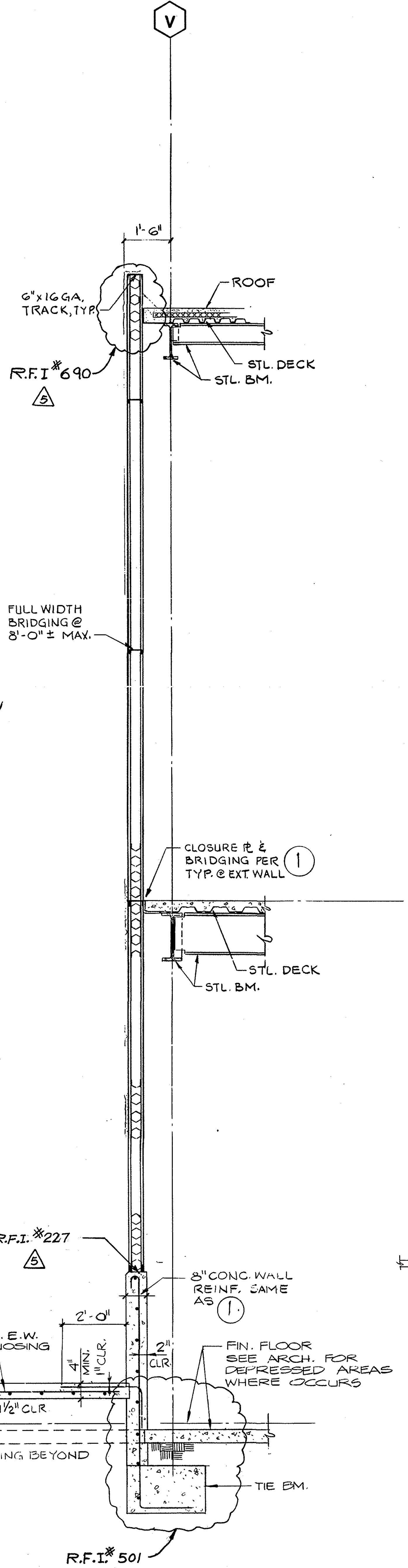
Drawing No. S5.1.4
Sheet of Sheets

S-5.1.4

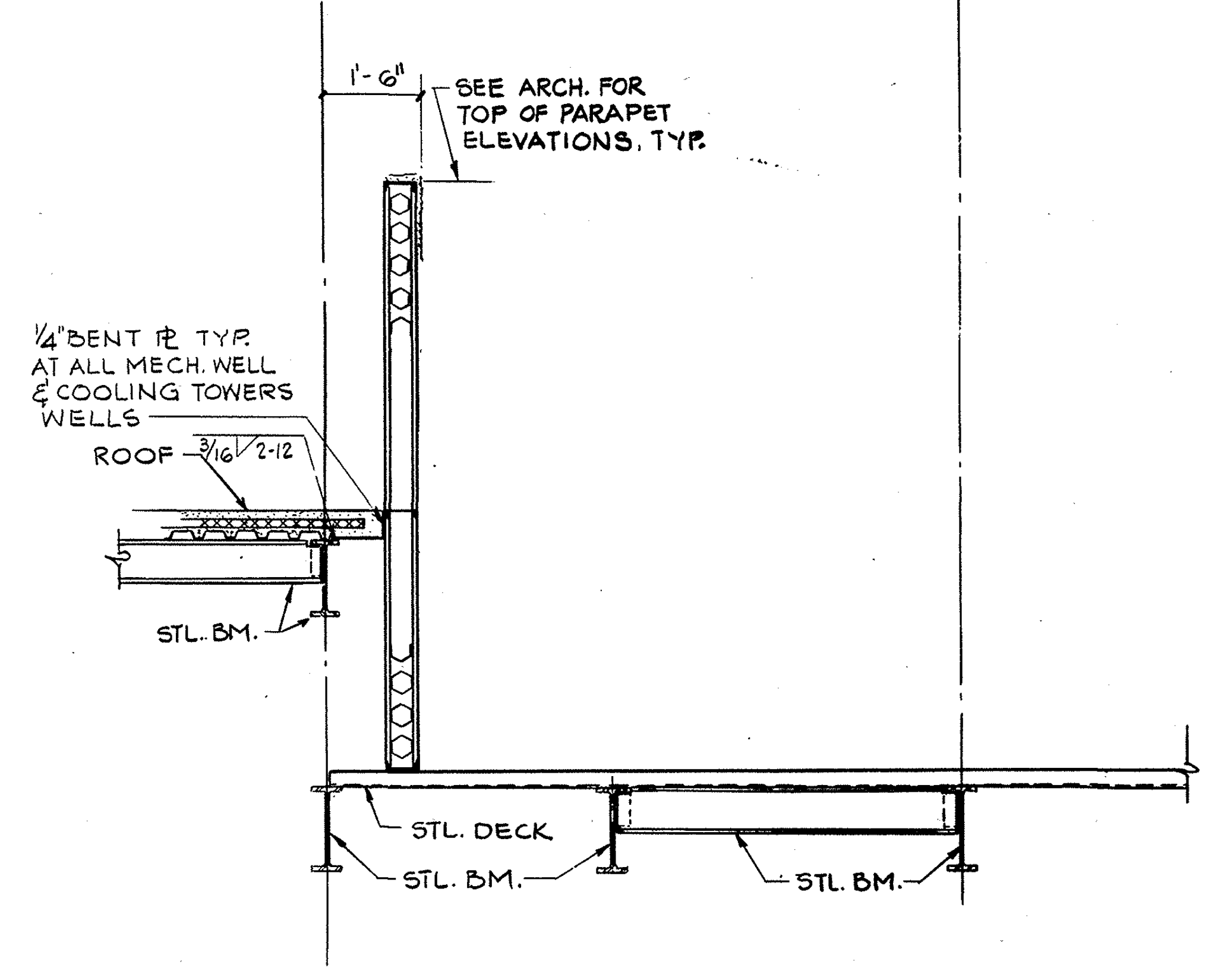

V
U.4
U
1'-6"
SEE ARCH. FOR TOP OF PARAPET ELEVATION TYP
6"x16 GA. TRACK TYPICAL
12 GA. END CLOSURE TYP. @ ROOF
STL. DECK
STL. BM.
SEE NOTE NO. 1 ON SHT. S5.1.1 TYP.
ROOF
STL. BM.
FULL WIDTH BRIDGING AT MIDSPAN, TYP.
W10x39 COLUMN BEYOND
PROVIDE FULL WIDTH BRIDGING TO MATCH HEAD & SILL OF WINDOW
WINDOW WHERE OCCURS
7'-9"
7'-0"
1'-4"
5'-10"
1'-2"
5'-10"
7" 7"
7" 1'-3"
18 S4.1.2 BRACE EA. END OF W8x
STL. BM.
2-#7 CONT. SPLICE @ MIDSPAN
#3@12
#5 CONT. TOP & BOT. TYP.
#4 DOWEL @12" TYP.
SEE NOTE NO. 1 ON SHT. S5.1.1 TYP.
6"x16 GA. TRACK TOP & BOT. AT OPENINGS, TYP.
WELD EA. SIDE, TYP. @FLR. & ROOF
#5 CONT.
FULL WIDTH BRIDGING TYP. @ FLR. LINE
5/16" BENT CLOSURE PL TYP. @ FLR.
#4@18" TYP.
4 1/2" SLAB 2'-0"
4 1/2"
#4 CONT. TYP. @ MIDSPAN
1'-11 5/8"
#4@12" TYP.
STL. DECK
STL. BM.
5/16" CLOSURE PL
3/4" CLR.
#4@12"
L 4x4x1/4 @ 45° EA. END OF W8x
6"x18GA STL. STUDS
L4x4x1/4 @ 45° EA. SIDE SIM 2 S4.1.2
W30 BEYOND
7"x3/8" STIFF. PL EA. SIDE
W8 WHERE OCCURS
7"x3/8" STIFF. PL EA. SIDE TYP.
2 S4.1.2 BRACES SIM.
6"x16 GA. TRACK TYP.
6"x18 GA. STL. STUDS TYPICAL
6"x18 GA. STL. STUDS
NOTE: WHERE "H" EXCEEDS 4'-6" USE DIMENSIONS & REINF'G PER 8/S1.2.2.
FOR TOP OF CURB SEE: R.F.I.#227
6"x16 GA. TRACK, TYP.
COLUMN BEYOND
6"x16GA. TRACK TOP & BOT.
COLUMN BEYOND
2-#4 CONT. TYP.
2-#4 CONT.
1'-6"
PAVING
10 1/2"
5'-10"
8" CONC. WALL REINF. SAME AS OPP. WALL U.N.O.
2'-6"
AT "H" ≤ 4'-6" 8" CONC. WALL #4@12" HORIZ. #5@16" VERT.
"H"
FOR FLOOR EL. SEE PLAN.
2-#8 CONT.
#4 TIES @12" #4 CONT.
2-#8 CONT.
#4@12"
2'-0"
4'-0" @ ENDS
5"
10"
#4@18" EA. WAY
2'-0"
10"
2-#5 CONT.
2'-6"
C.N.#188
FOOTING @ 4'-0" DEEP PIT
12"
8"
R.F.I.#101
#4@12" O.C. E.W. PLUS #4 NOSING BARS
1 1/2" CLR
4" MIN. 1" CLR.
LANDING BEYOND

* REINF'G. TO CONTINUE PAST ENDS OF PITS & HOOK AROUND THE FIRST COLUMN BEYOND.

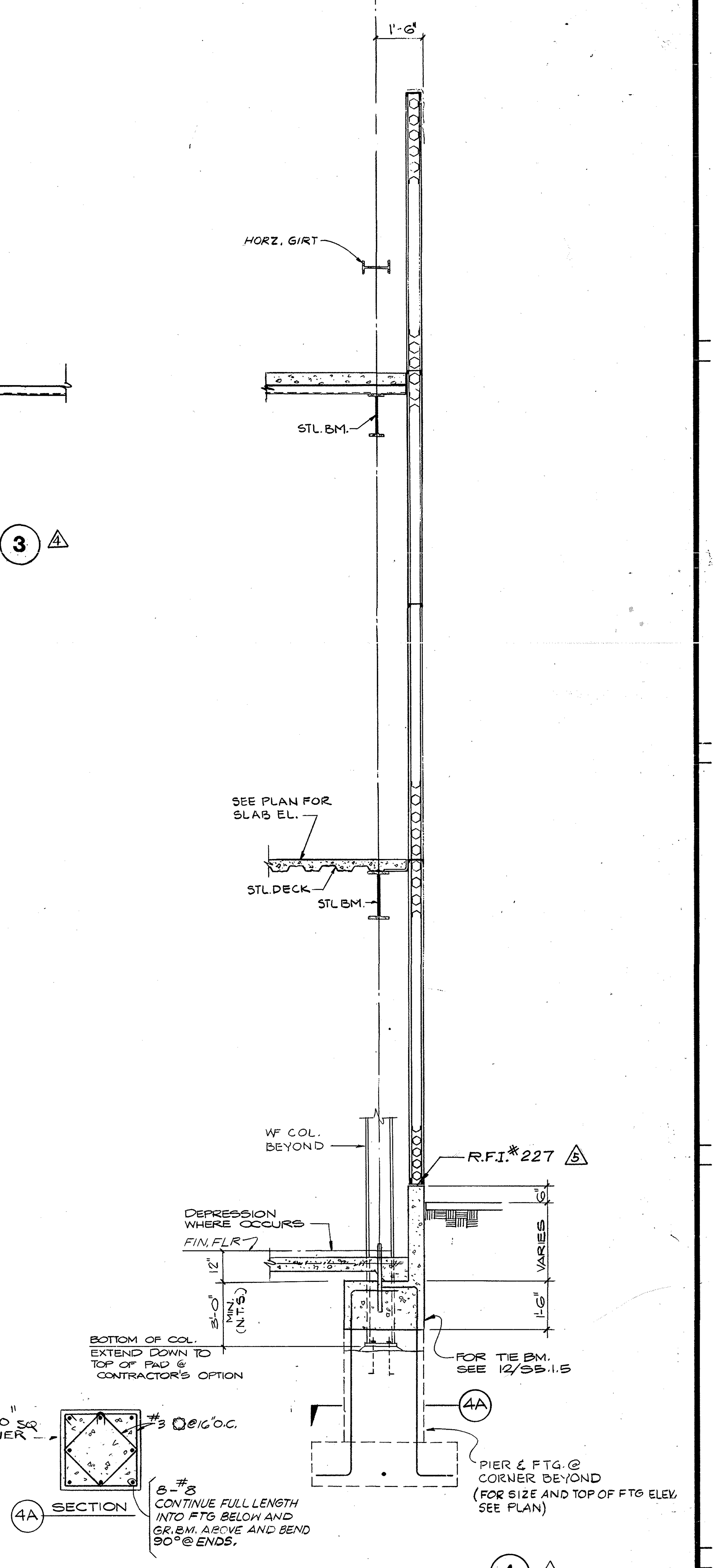
1 ⚠4


V
1'-6"
6"x16GA. TRACK, TYP.
ROOF
STL. DECK
STL. BM.
R.F.I.#690
FULL WIDTH BRIDGING @ 8'-0" ± MAX.
CLOSURE PL & BRIDGING PER 1 TYP. @ EXT. WALL
STL. DECK
STL. BM.
R.F.I.#227
8" CONC. WALL REINF. SAME AS 1
2'-0"
2" CLR.
FIN. FLOOR SEE ARCH. FOR DEPRESSED AREAS WHERE OCCURS
TIE BM.
R.F.I.#501

2 ⚠4

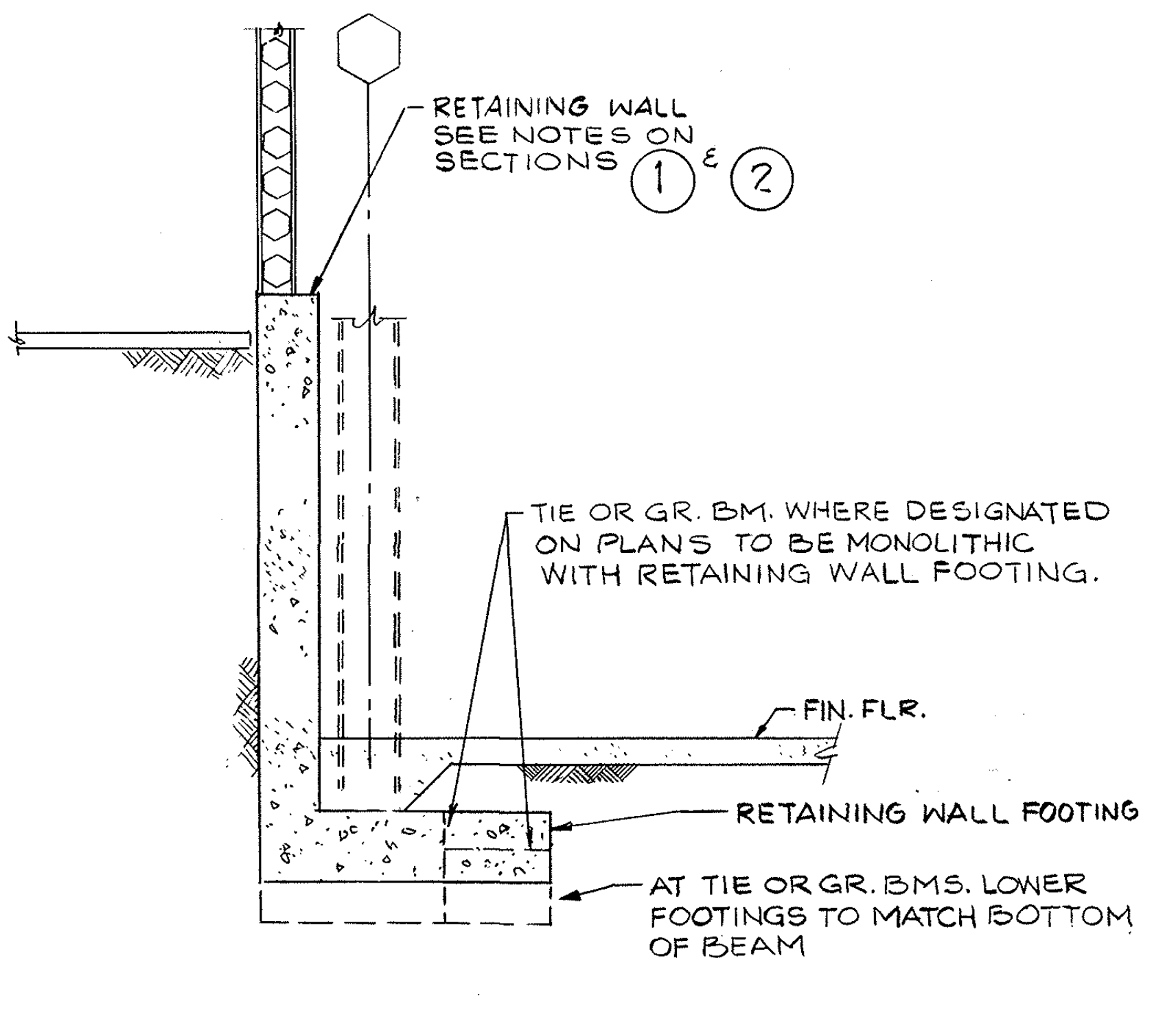

U.4
U
1'-6"
SEE ARCH. FOR TOP OF PARAPET ELEVATIONS, TYP.
1/4" BENT PL TYP. AT ALL MECH. WELL & COOLING TOWERS WELLS
ROOF
3/16 2-12
STL. BM.
STL. DECK
STL. BM.
STL. BM.

3 ⚠4

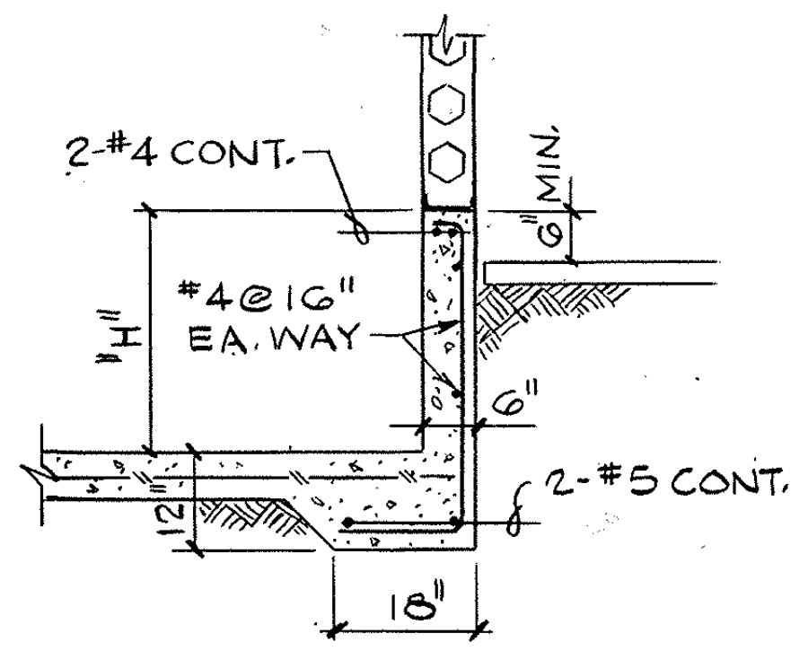

1'-6"
HORZ. GIRT
STL. BM.
SEE PLAN FOR SLAB EL.
STL. DECK
STL. BM.
WF COL. BEYOND
R.F.I.#227
DEPRESSION WHERE OCCURS
FIN. FLR.
12"
6"
VARIES
1'-6"
3'-0" MIN. (N.T.S.)
BOTTOM OF COL. EXTEND DOWN TO TOP OF PAD @ CONTRACTOR'S OPTION
FOR TIE BM. SEE 12/S5.1.5
4A
30" SQ. PIER
#3 @16" O.C.
8-#8 CONTINUE FULL LENGTH INTO FTG BELOW AND GR. BM. ABOVE AND BEND 90° @ ENDS.
PIER & FTG. @ CORNER BEYOND (FOR SIZE AND TOP OF FTG ELEV. SEE PLAN)

4A SECTION

4 ⚠4

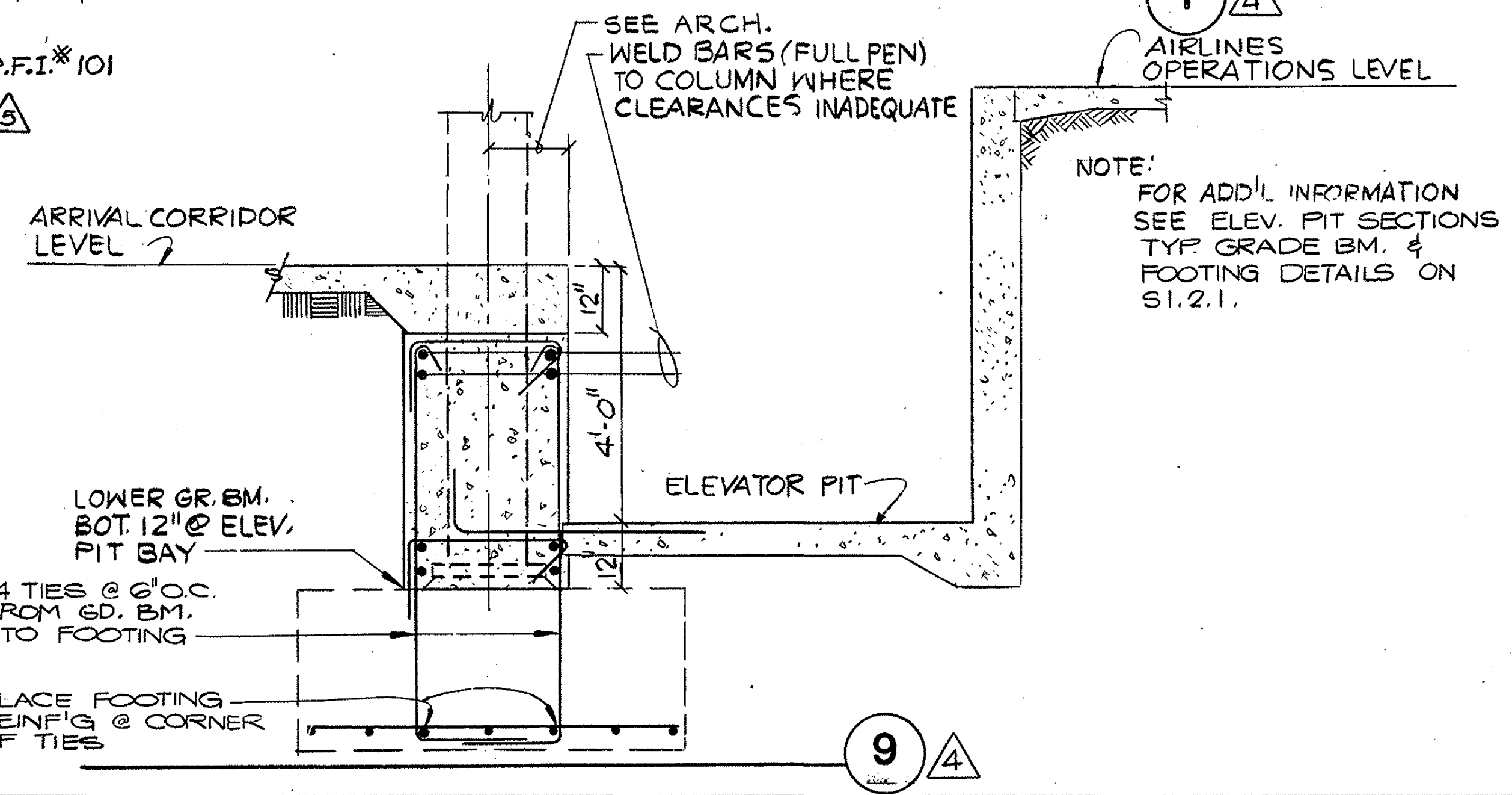

RETAINING WALL SEE NOTES ON SECTIONS 1 & 2
TIE OR GR. BM. WHERE DESIGNATED ON PLANS TO BE MONOLITHIC WITH RETAINING WALL FOOTING.
FIN. FLR.
RETAINING WALL FOOTING
AT TIE OR GR. BMS. LOWER FOOTINGS TO MATCH BOTTOM OF BEAM

2A ⚠4



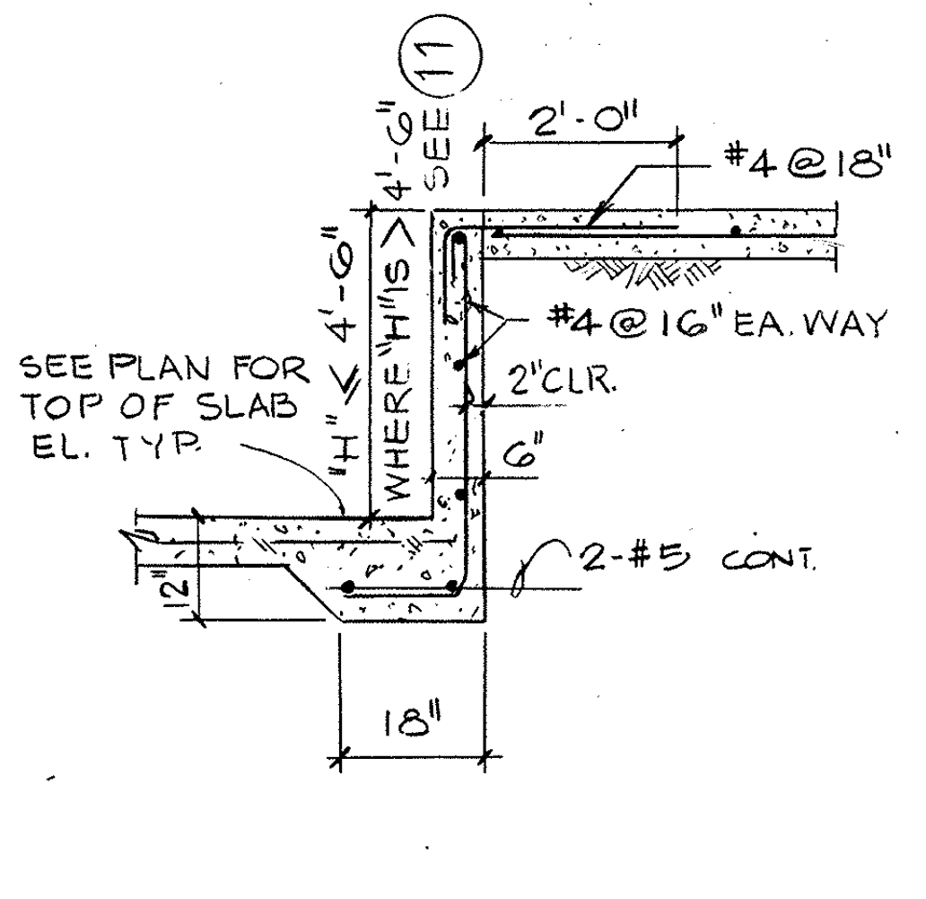
NOTE:
FOR "H" GREATER THAN 2'-6" CONSTRUCT SAME AS 2A/S5.1.5

PERIMETER CURB 8 ⚠4

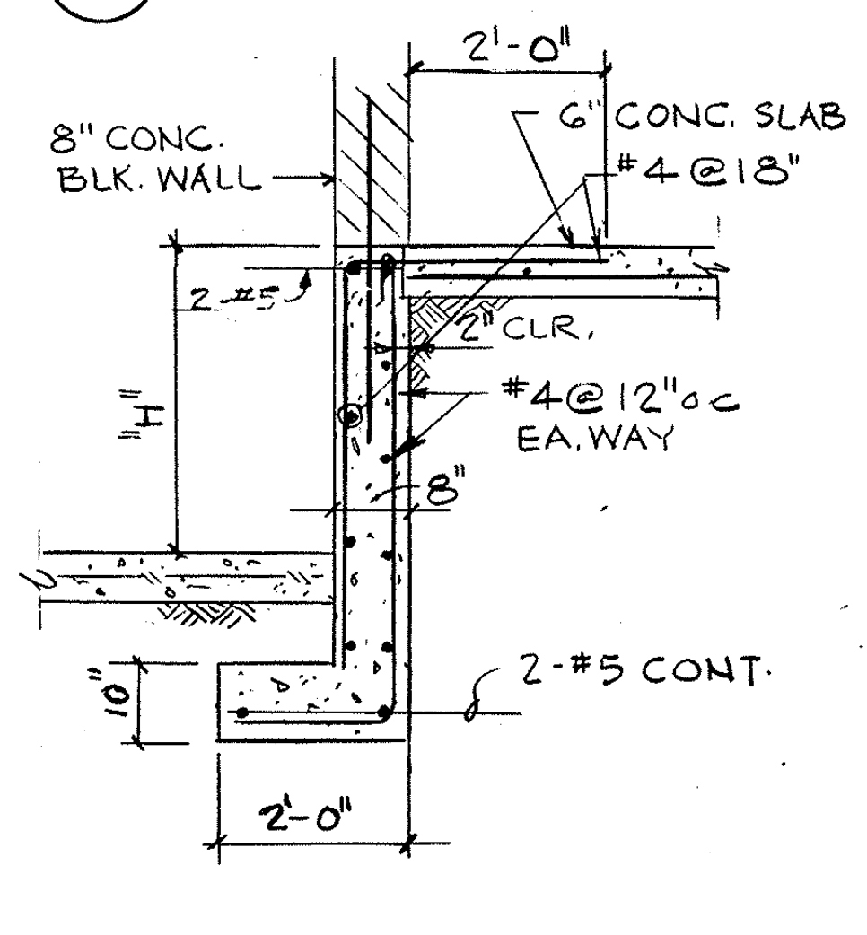

SEE ARCH.
WELD BARS (FULL PEN) TO COLUMN WHERE CLEARANCES INADEQUATE
AIRLINES OPERATIONS LEVEL
ARRIVAL CORRIDOR LEVEL
12"
4'-0"
12"
ELEVATOR PIT
LOWER GR. BM. BOT. 12" @ ELEV. PIT BAY
#4 TIES @ 6" O.C. FROM GD. BM. INTO FOOTING
PLACE FOOTING REINF'G @ CORNER OF TIES

NOTE:
FOR ADD'L INFORMATION SEE ELEV. PIT SECTIONS TYP. GRADE BM. & FOOTING DETAILS ON S1.2.1.

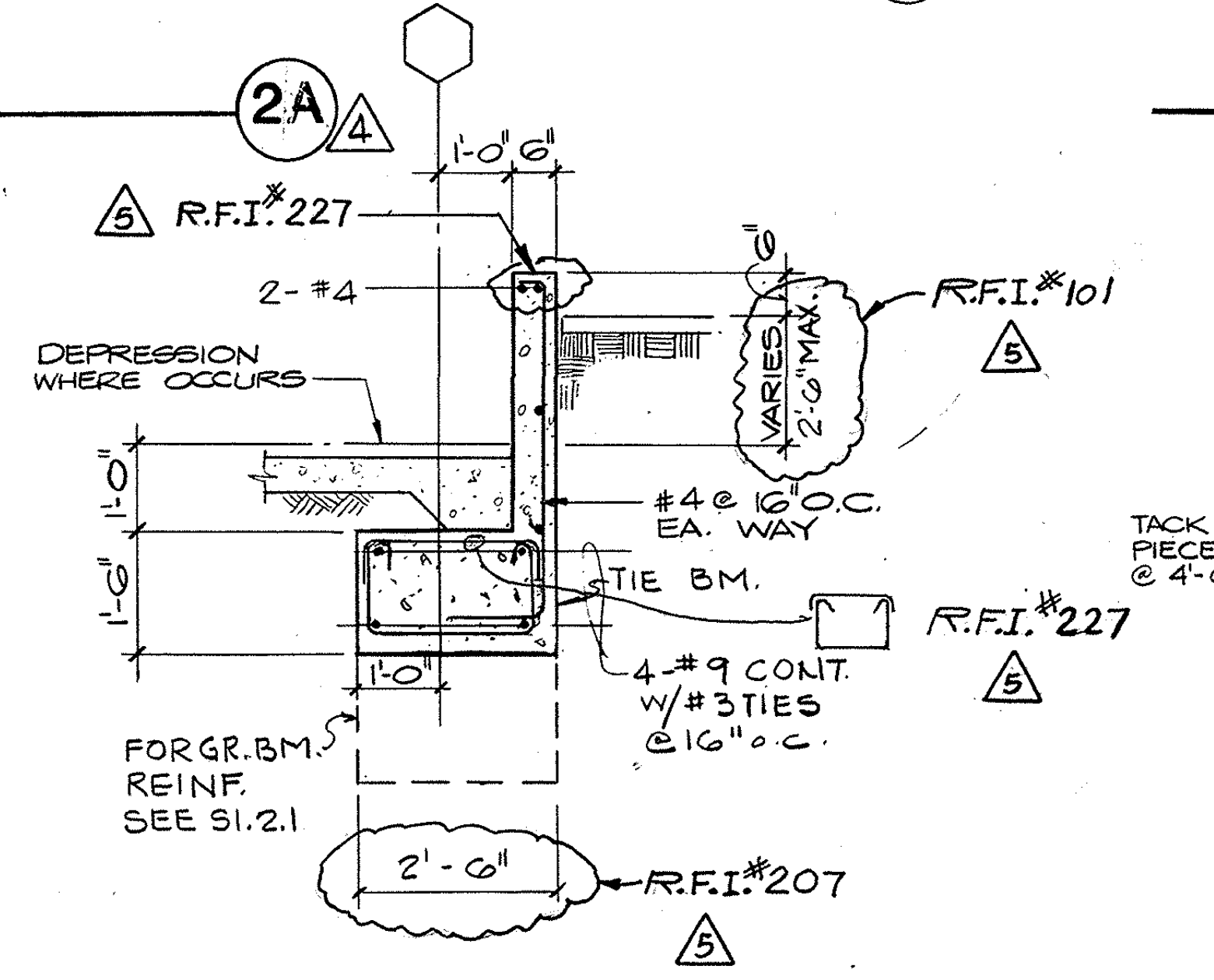
9 ⚠4


SEE 11
2'-0"
#4@18"
"H" < 4'-6" WHERE "H" IS > 4'-6"
#4@16" EA. WAY
2" CLR.
6"
SEE PLAN FOR TOP OF SLAB EL. TYP.
12"
2-#5 CONT.
18"

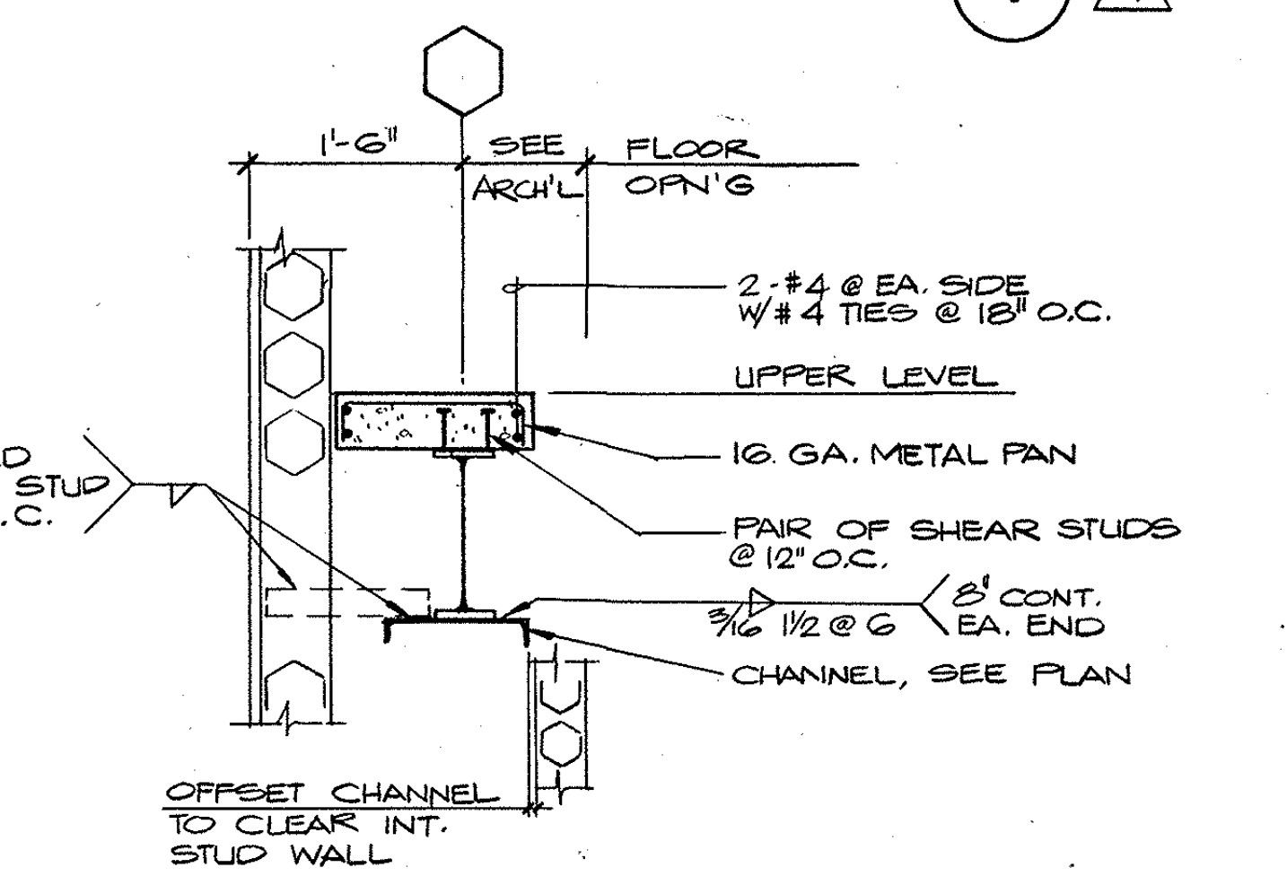
10 ⚠4



11 ⚠4



PERIMETER AT GR./TIE BM'S. 12 ⚠4


1'-6"
SEE ARCH'L
FLOOR OPN'G
2-#4 @ EA. SIDE W/#4 TIES @ 18" O.C.
UPPER LEVEL
16 GA. METAL PAN
PAIR OF SHEAR STUDS @12" O.C.
TACK WELD PIECE OF STUD @ 4'-0" O.C.
3/16 1 1/2 @ 6
8" CONT. EA. END
CHANNEL, SEE PLAN
OFFSET CHANNEL TO CLEAR INT. STUD WALL

PERIMETER STRIP SECTION 13 ⚠4

0029656

AS BUILT	⚠5	8-84	E.F.	R.F.I.# 227, 101, 501, 207, 690. C.N.# 188.	⚠3	6-1-82	GEN. COORDINATION
	⚠4	8-30-82		GATE REVISIONS & R.F.I. RESPONSE	⚠C	3-31-82	ADDENDUM C

⚠B	3-17-82	ADDENDUM B
F		

William L. Pereira FAIA
George C. Broadfoot

Architect of Record: WLP
Project Architect: REM
Date: FEB. 3, 1992
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

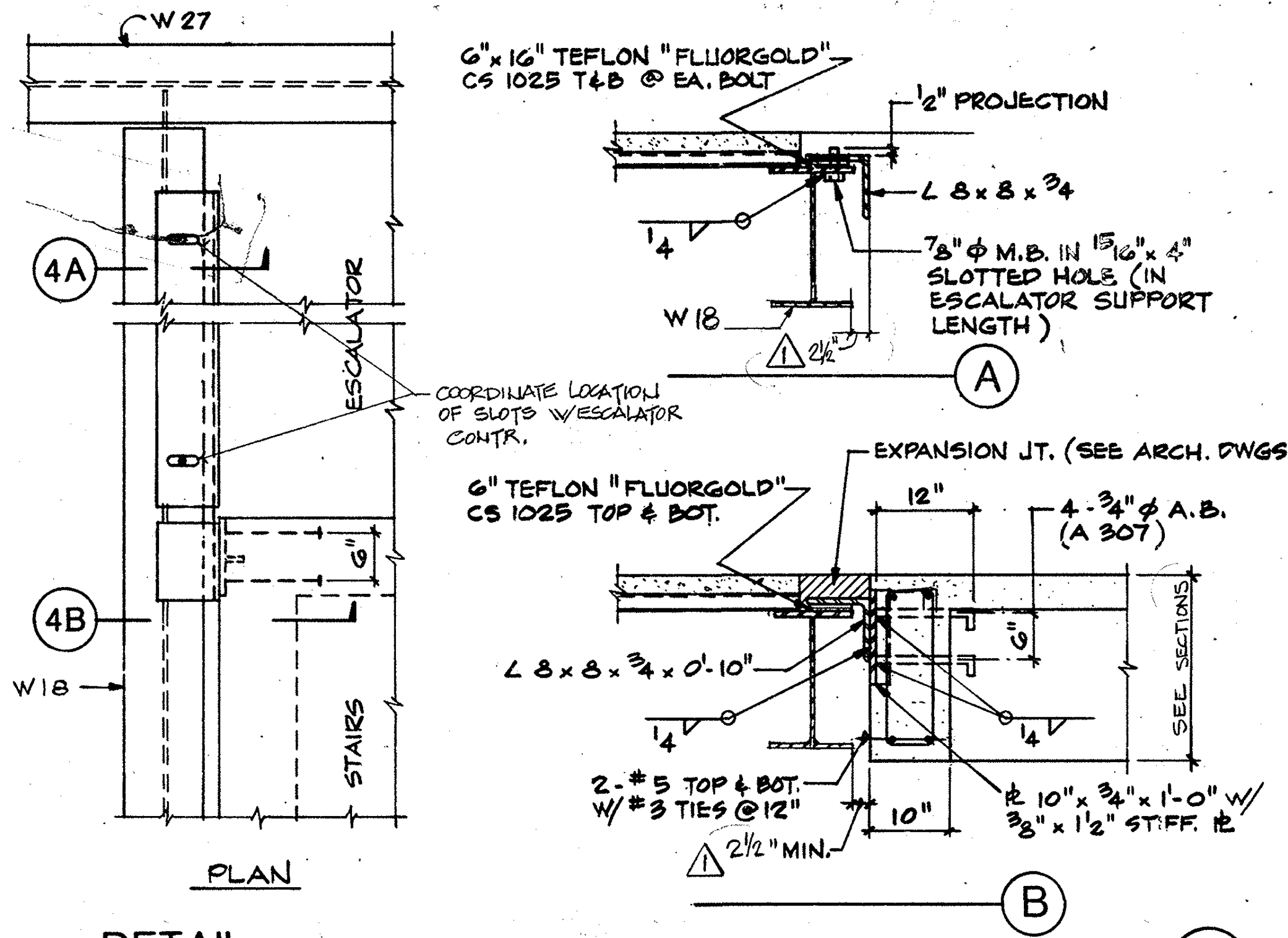
City of Los Angeles Department of Airports
Date: FEB 3, 1982

West Terminal
Los Angeles International Airport

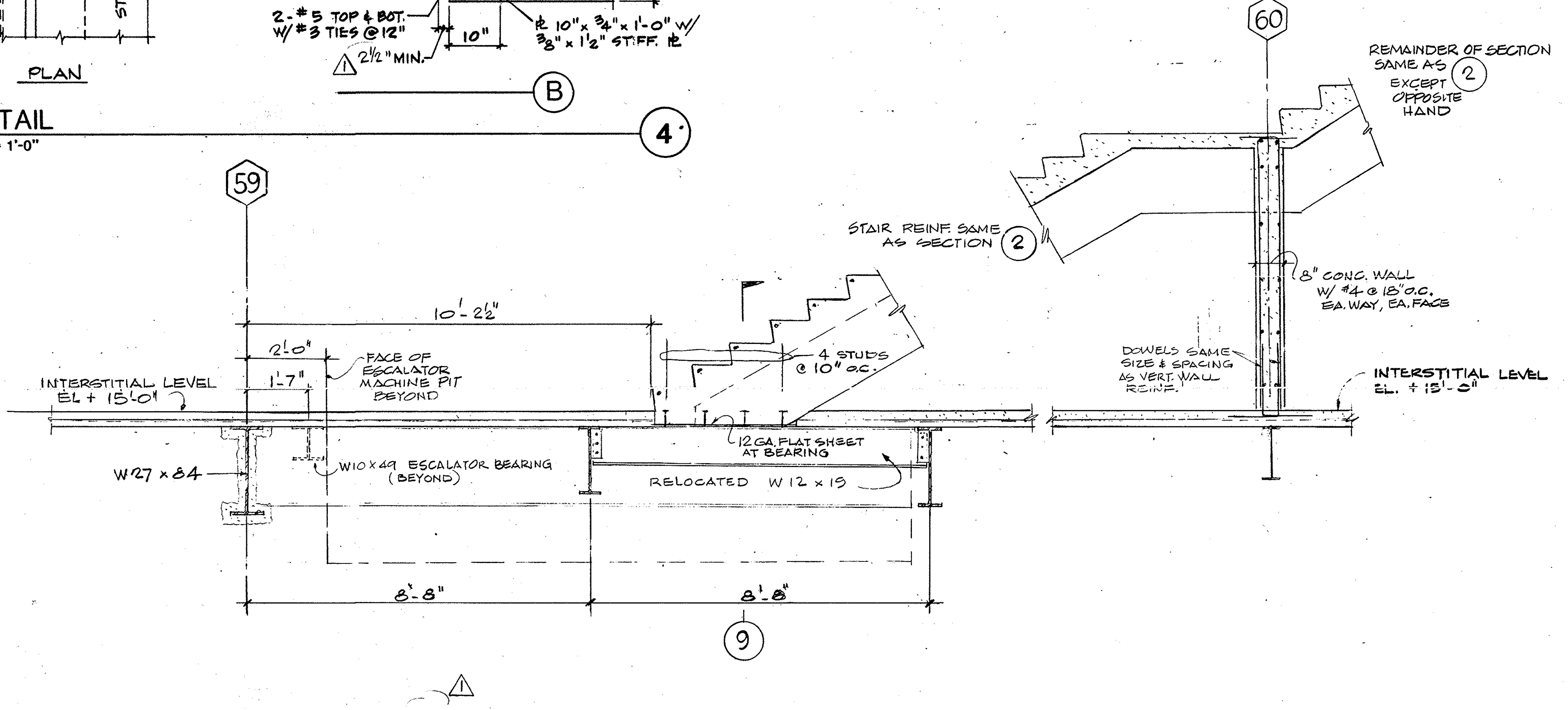
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: CONCOURSE WALL SECTIONS
Department of Airports Drawing No. 82001-600

Designed By: DLD
Drawn By: YS
Chief Architect: JDW, BAS
PDSW Project No. 79000

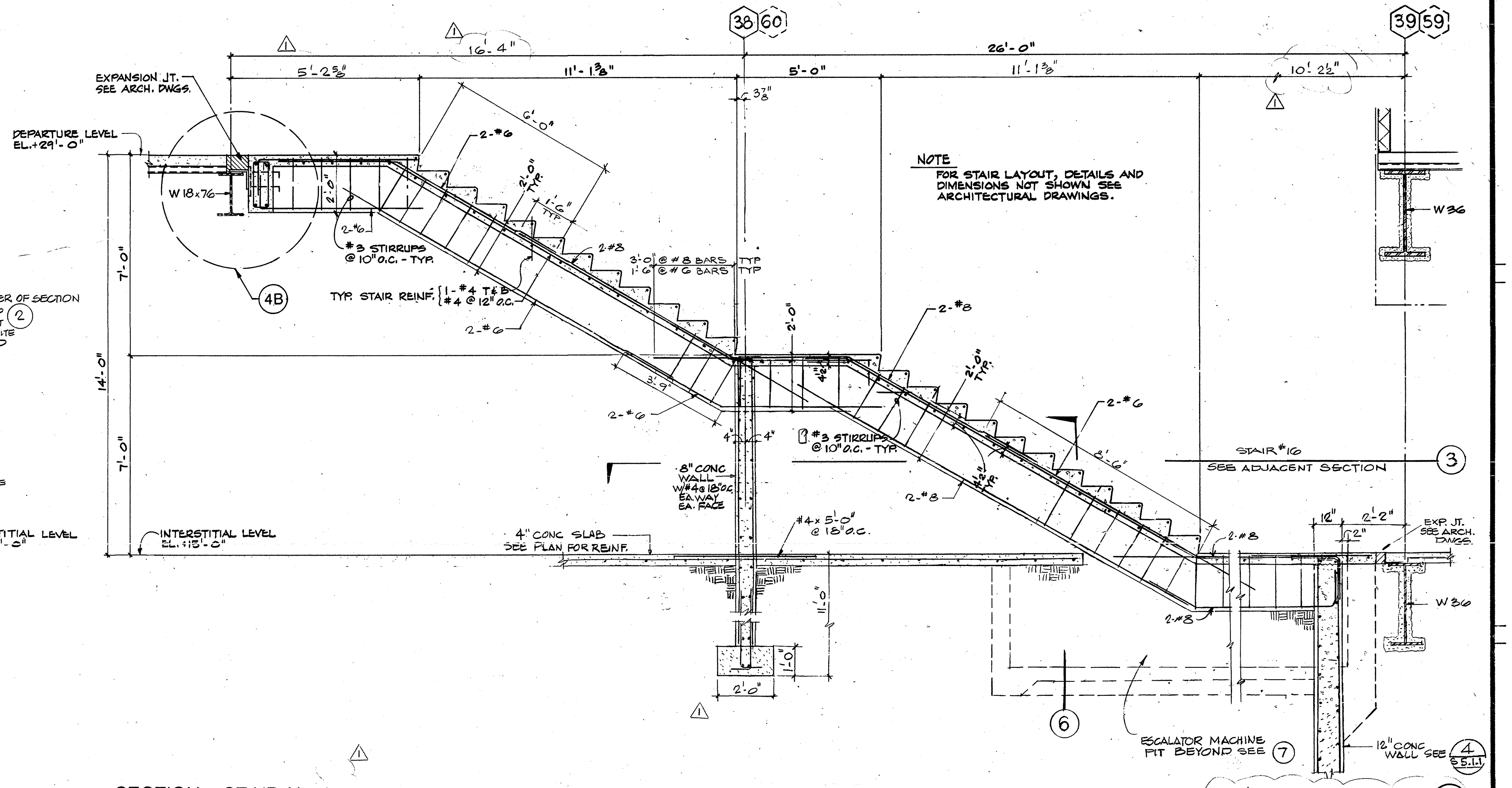
Drawing No. S5.1.5
Sheet of Sheets


W 27
4A
4B
W18
ESCALATOR
STAIRS
COORDINATE LOCATION OF SLOTS W/ESCALATOR CONTR.
PLAN
6"x 16" TEFLON "FLUORGOLD" CS 1025 T&B @ EA. BOLT
1/2" PROJECTION
∠ 8 x 8 x 3/4
7/8" φ M.B. IN 15/16" x 4" SLOTTED HOLE (IN ESCALATOR SUPPORT LENGTH)
1/4
W18
2 1/2"
A
EXPANSION JT. (SEE ARCH. DWGS.)
6" TEFLON "FLUORGOLD" CS 1025 TOP & BOT.
12"
4 - 3/4" φ A.B. (A 307)
6"
SEE SECTIONS
∠ 8 x 8 x 3/4 x 0'-10"
2-#5 TOP & BOT. W/ #3 TIES @12"
2 1/2" MIN.
10"
℄ 10" x 3/4" x 1'-0" W/ 3/8" x 1 1/2" STIFF. ℄
B

DETAIL ④
3/4" = 1'-0"


59
10'-2 1/2"
2'-0"
1'-7"
FACE OF ESCALATOR MACHINE PIT BEYOND
INTERSTITIAL LEVEL EL + 15'-0"
4 STUDS @ 10" o.c.
12 GA. FLAT SHEET AT BEARING
W27 x 84
W10 x 49 ESCALATOR BEARING (BEYOND)
RELOCATED W 12 x 19
8'-8"
8'-8"
9
STAIR REINF. SAME AS SECTION 2
60
REMAINDER OF SECTION SAME AS 2 EXCEPT OPPOSITE HAND
8" CONC. WALL W/ #4 @ 18" o.c. EA. WAY, EA. FACE
DOWELS SAME SIZE & SPACING AS VERT. WALL REINF.
INTERSTITIAL LEVEL EL. + 15'-0"

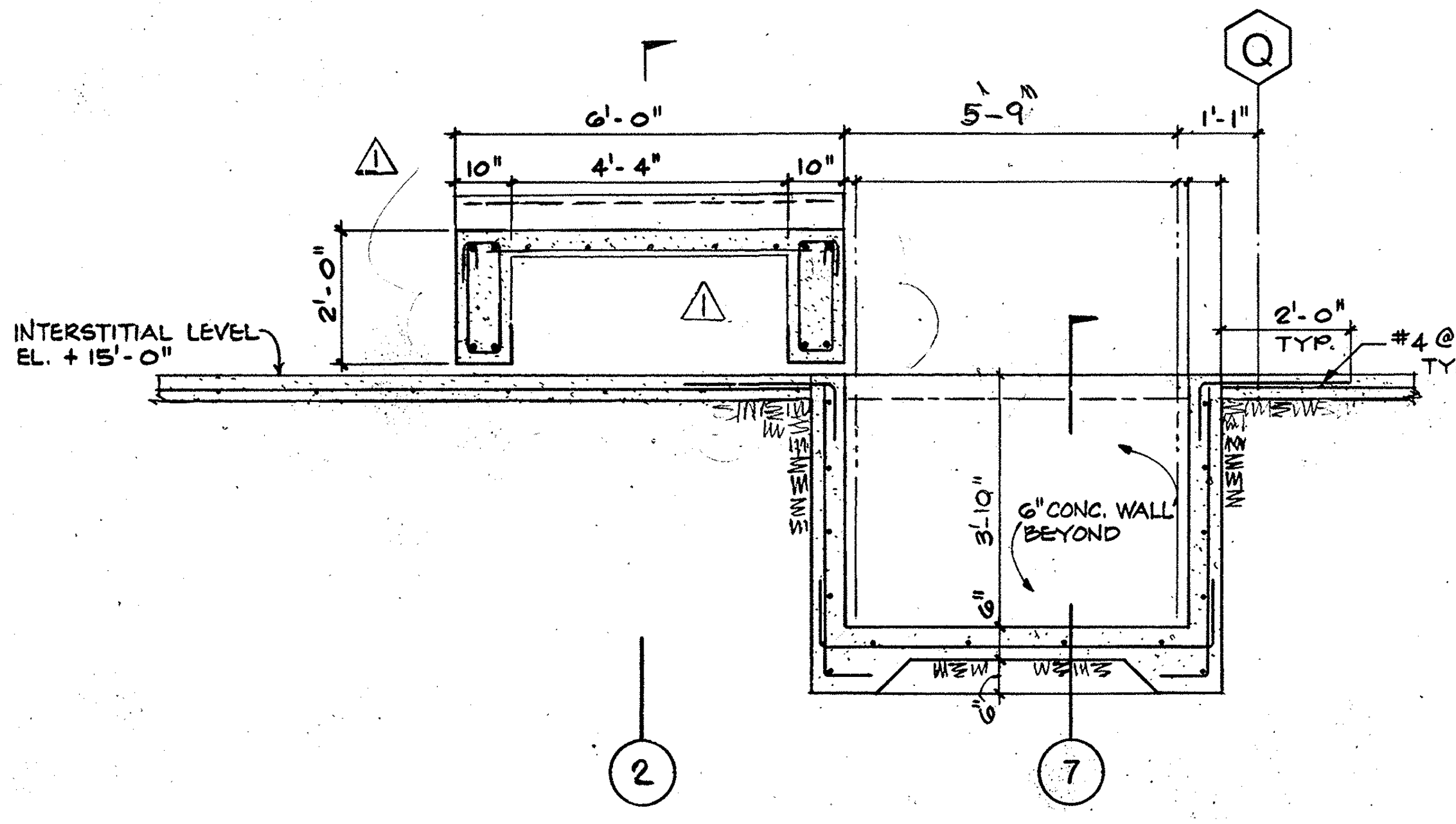
PARTIAL SECTION - STAIR No. 16 ③
1/2" = 1'-0"


38 60
39 59
16'-4"
26'-0"
5'-2 5/8"
11'-1 3/8"
5'-0"
11'-1 3/8"
10'-2 1/2"
3 7/8"
EXPANSION JT. SEE ARCH. DWGS.
DEPARTURE LEVEL EL. +29'-0"
W 18x76
4B
6'-0"
2-#6
2'-0"
2'-0" TYP.
1'-6" TYP.
#3 STIRRUPS @ 10" o.c. - TYP.
2-#8
3'-0" @ #8 BARS TYP
1'-6" @ #6 BARS TYP
TYP. STAIR REINF. {1-#4 T&B / #4 @ 12" o.c.
3'-9"
7'-0"
14'-0"
7'-0"
4"
4"
#3 STIRRUPS @ 10" o.c. - TYP.
8" CONC WALL W/ #4 @ 18" o.c. EA. WAY EA. FACE
#4 x 5'-0" @ 18" o.c.
8'-6"
4 1/2" TYP.
STAIR #16 SEE ADJACENT SECTION 3
INTERSTITIAL LEVEL EL. +15'-0"
4" CONC SLAB SEE PLAN FOR REINF.
1'-0"
1'-0"
2'-0"
12"
2'-2"
2"
EXP. JT. SEE ARCH. DWGS.
W 36
6
ESCALATOR MACHINE PIT BEYOND SEE 7
12" CONC WALL SEE 4/S5.1.1

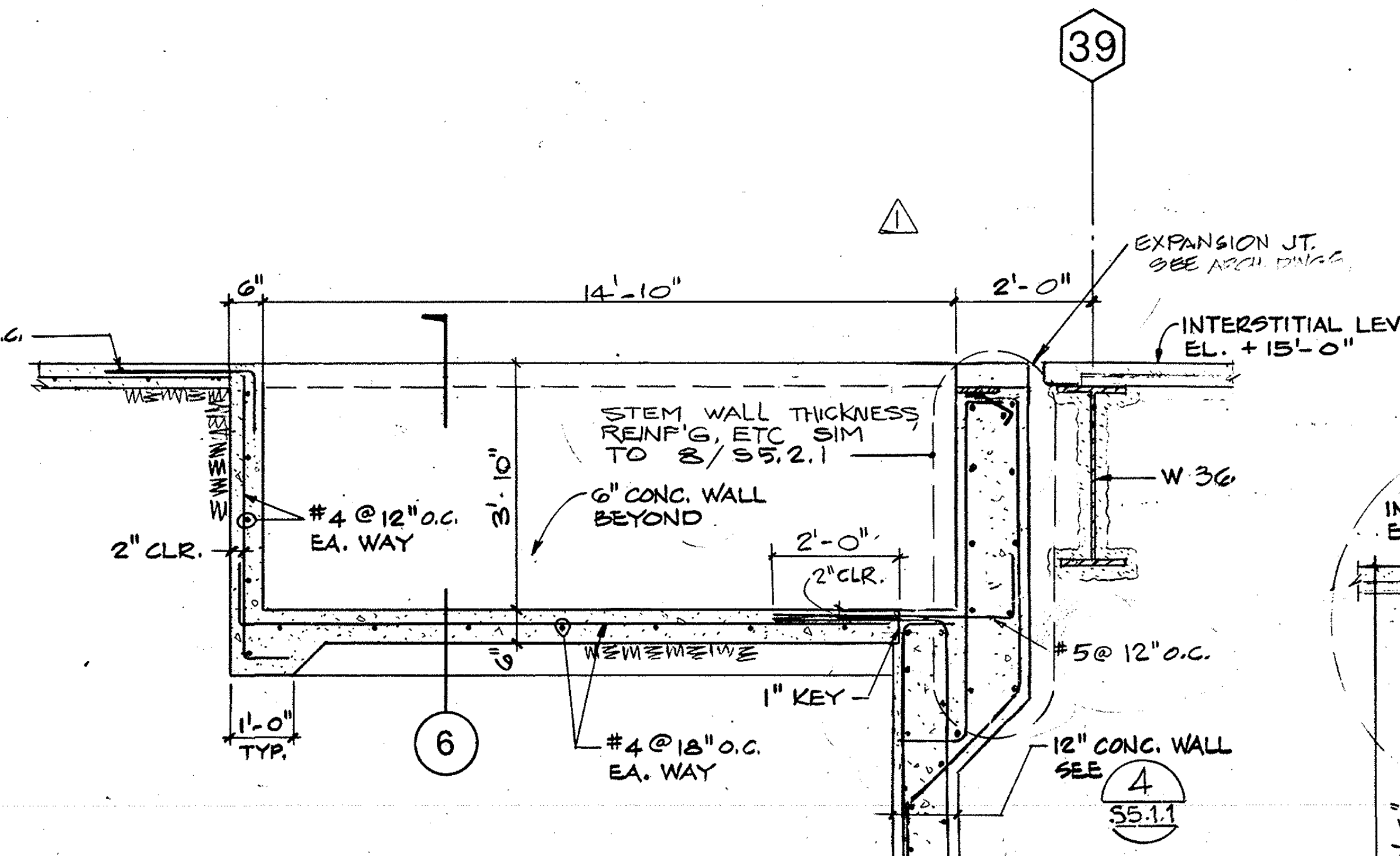
NOTE
FOR STAIR LAYOUT, DETAILS AND DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.

△1 CONC BMS LOWERED

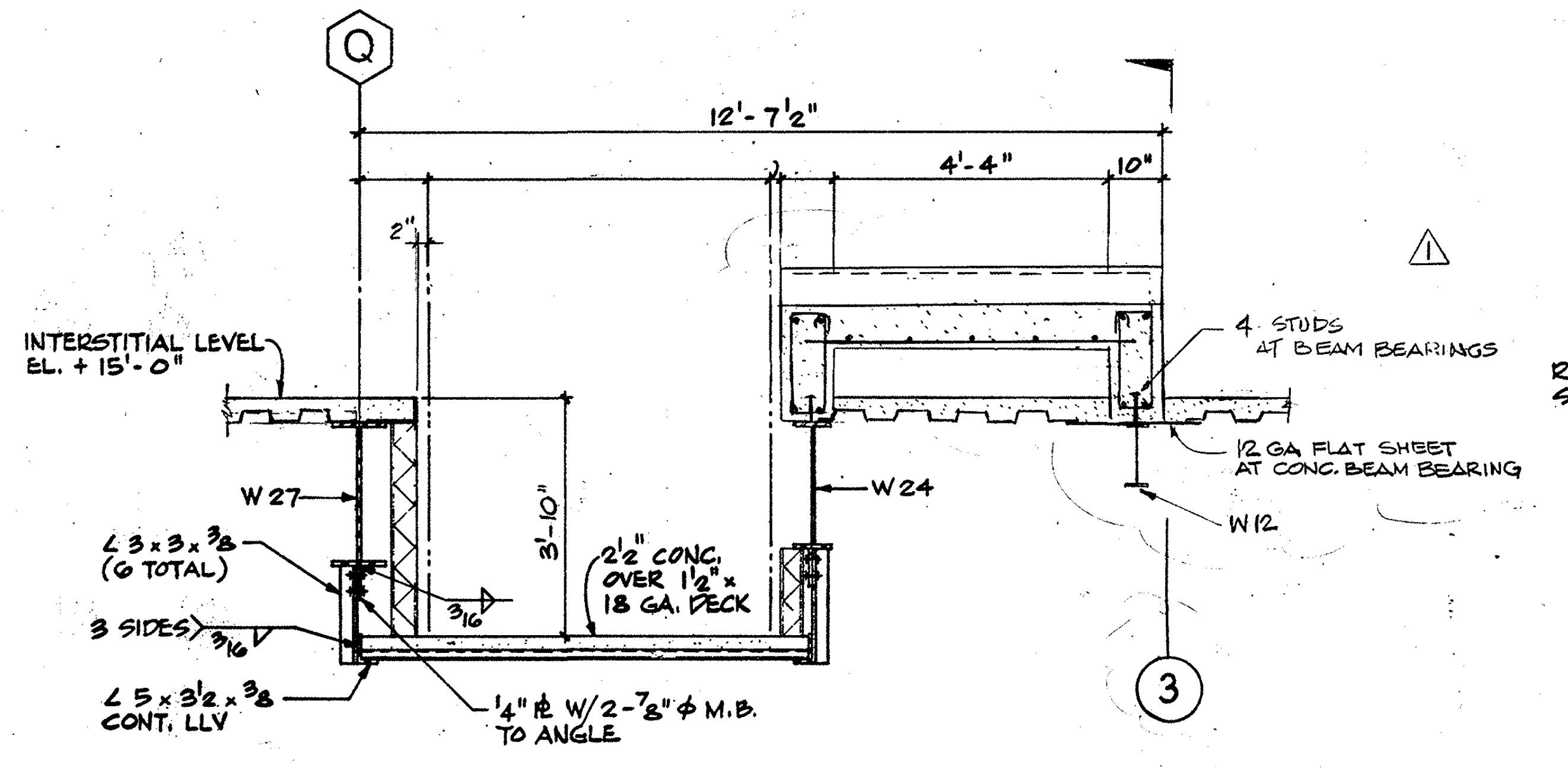
SECTION - STAIR No. 15 ②
1/2" = 1'-0" STAIR No. 16 OPP. HAND



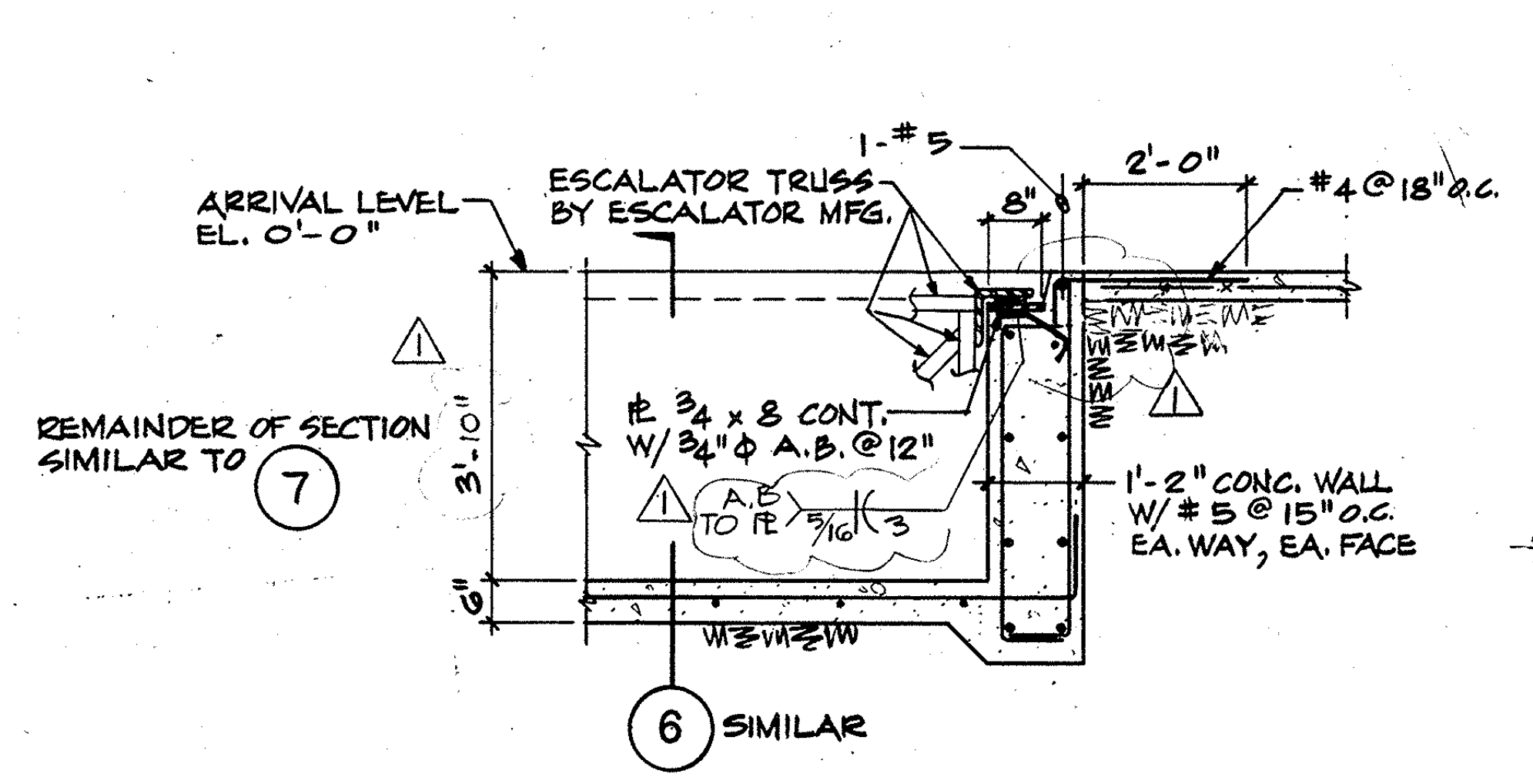
SECTION ⑥
1/2" = 1'-0"



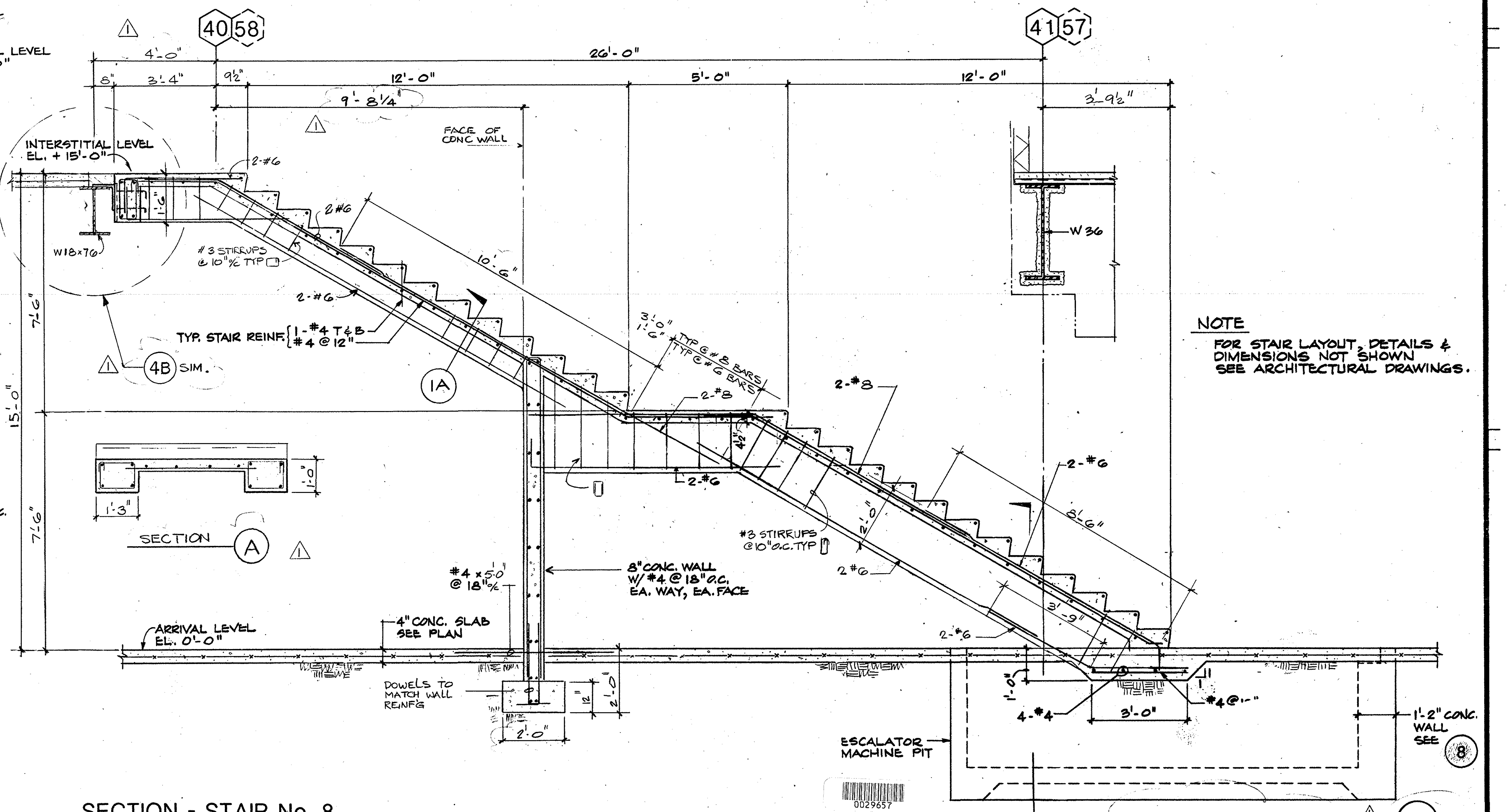
SECTION ⑦
1/2" = 1'-0"


Q
12'-7 1/2"
4'-4"
10"
2"
INTERSTITIAL LEVEL EL. + 15'-0"
4 STUDS AT BEAM BEARINGS
12 GA FLAT SHEET AT CONC. BEAM BEARING
W 27
W 24
W12
3'-10"
∠ 3 x 3 x 3/8 (6 TOTAL)
3/16
3 SIDES 3/16
2 1/2" CONC. OVER 1 1/2" x 18 GA. DECK
∠ 5 x 3 1/2 x 3/8 CONT. LLV
1/4" ℄ W/ 2-7/8" φ M.B. TO ANGLE
3

SECTION ⑨
1/2" = 1'-0"


ARRIVAL LEVEL EL. 0'-0"
ESCALATOR TRUSS BY ESCALATOR MFG.
1-#5
8"
2'-0"
#4 @ 18" o.c.
REMAINDER OF SECTION SIMILAR TO 7
3'-10"
℄ 3/4 x 8 CONT. W/ 3/4" φ A.B. @ 12"
A.B. TO ℄ 5/16 3
1'-2" CONC. WALL W/ #5 @ 15" o.c. EA. WAY, EA. FACE
6"
6 SIMILAR

SECTION ⑧
1/2" = 1'-0"



NOTE
FOR STAIR LAYOUT, DETAILS & DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.

SECTION - STAIR No. 8 ①
1/2" = 1'-0" STAIR No. 11 OPP. HAND

⑥ SIMILAR

AS BUILT

△B	3.19.82	ADDENDUM B
△1	4/22/83	COORDINATION W/ ARCHT'L DRAW'GS

F

William L. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS
#3500

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

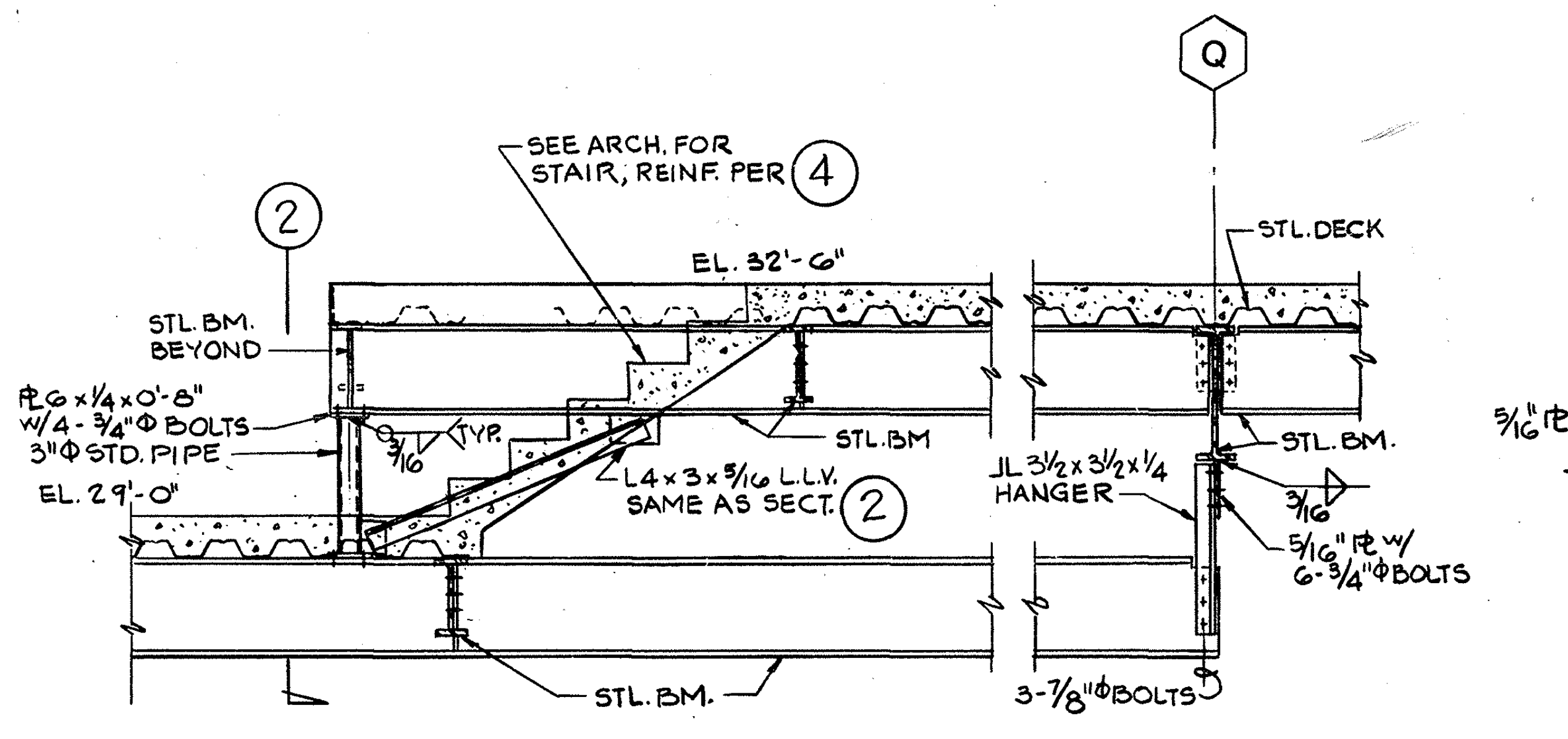
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: INTERIOR CONCRETE STAIR & ESCALATOR SECTIONS & DETAILS
Department of Airports Drawing No. 82001-600

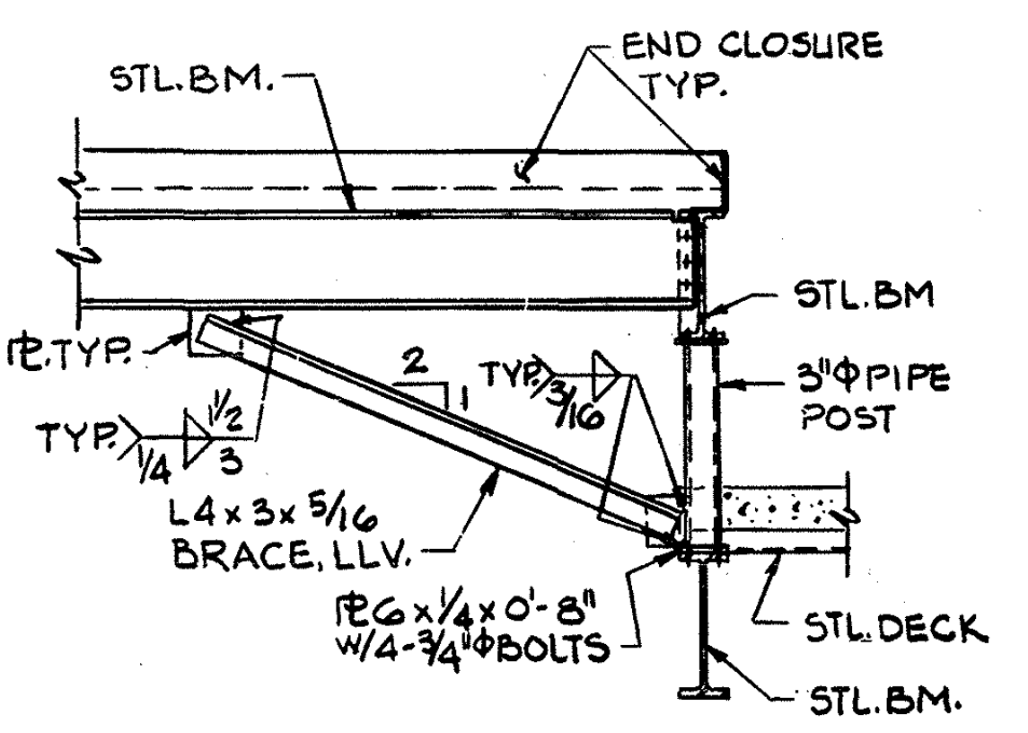
Designed By TBC
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S5.2.1
Sheet of Sheets


Q
2
SEE ARCH. FOR STAIR, REINF. PER 4
STL. DECK
EL. 32'-6"
STL. BM. BEYOND
PL 6 x 1/4 x 0'-8" W/4-3/4"Φ BOLTS
3"Φ STD. PIPE
3/16 TYP.
EL. 29'-0"
STL. BM
L4 x 3 x 5/16 L.L.V. SAME AS SECT. 2
JL 3 1/2 x 3 1/2 x 1/4 HANGER
STL. BM.
3/16
5/16" PL W/ 6-3/4"Φ BOLTS
STL. BM.
3-7/8"Φ BOLTS

1/2" = 1'-0"

1



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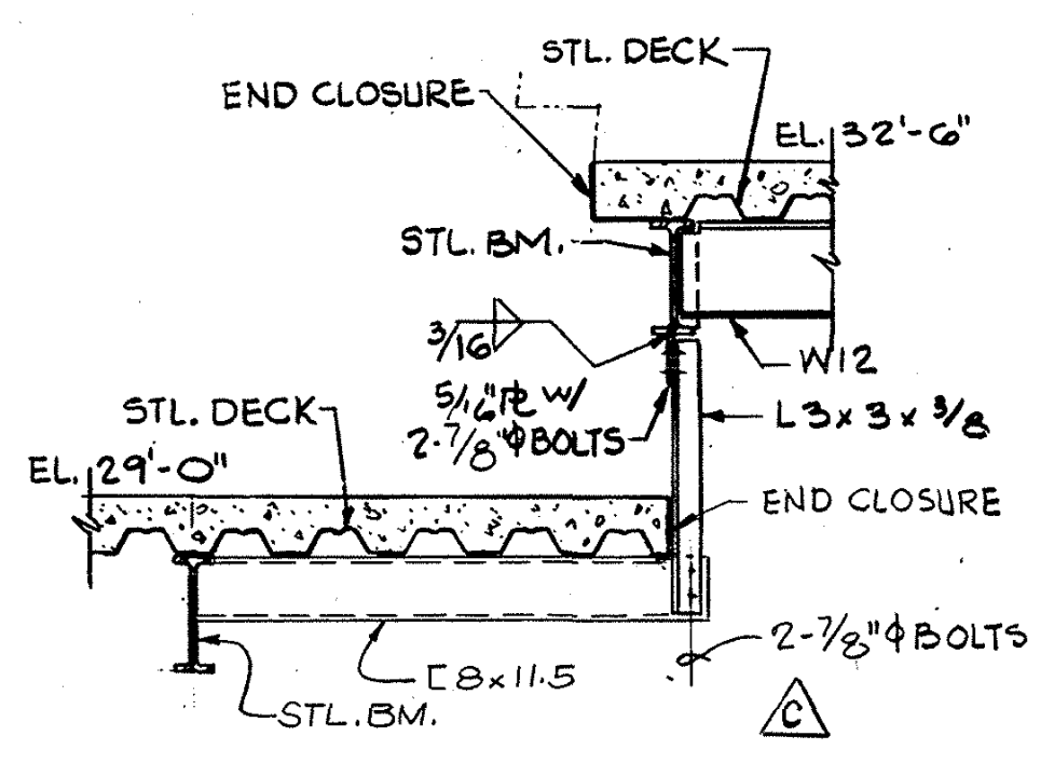

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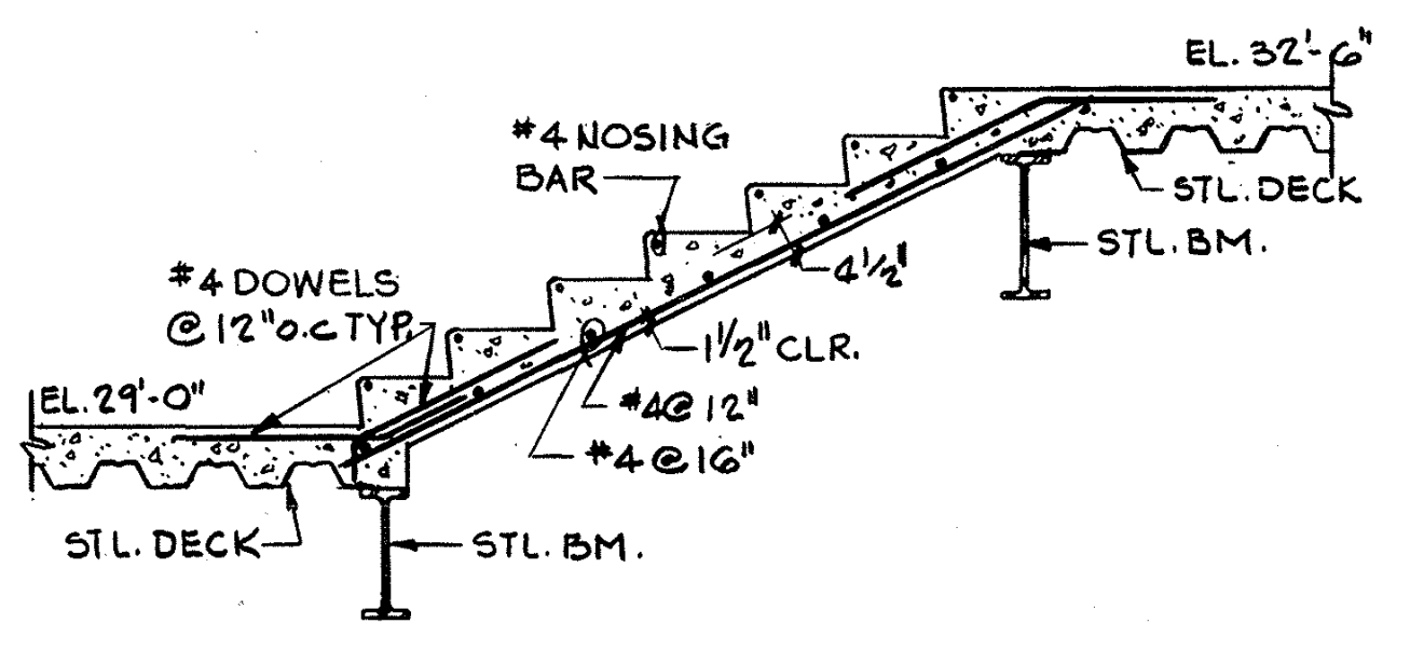

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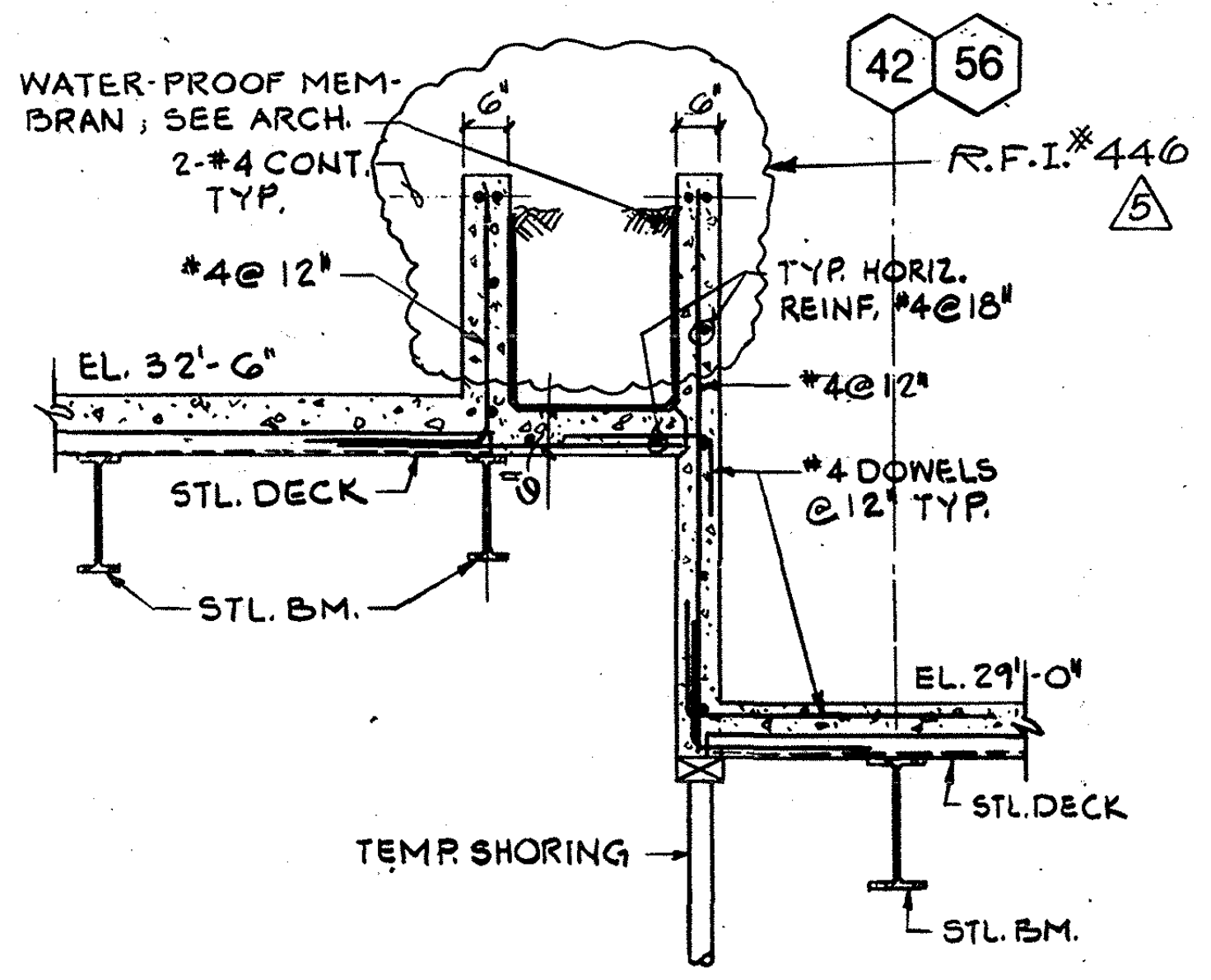

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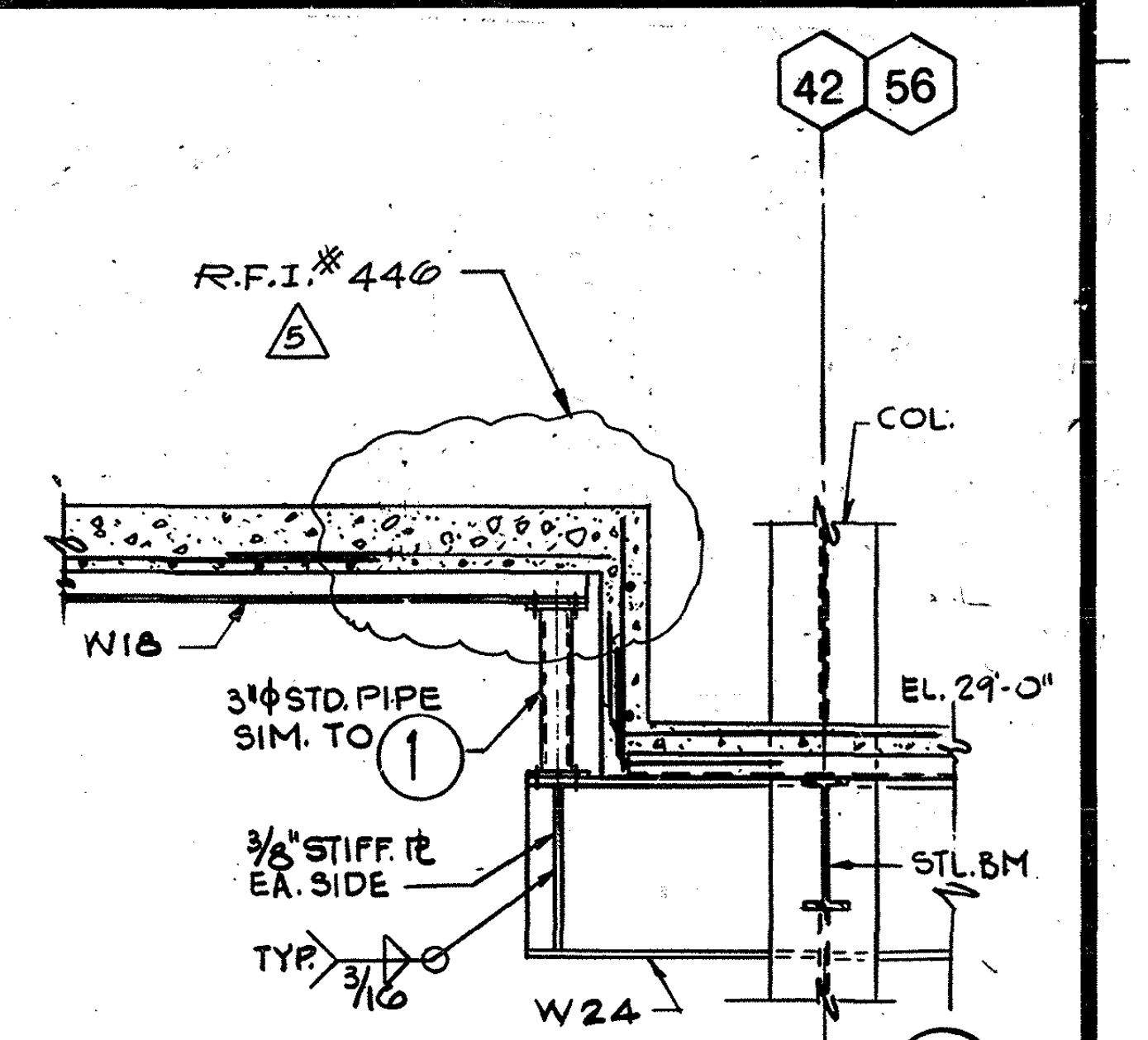

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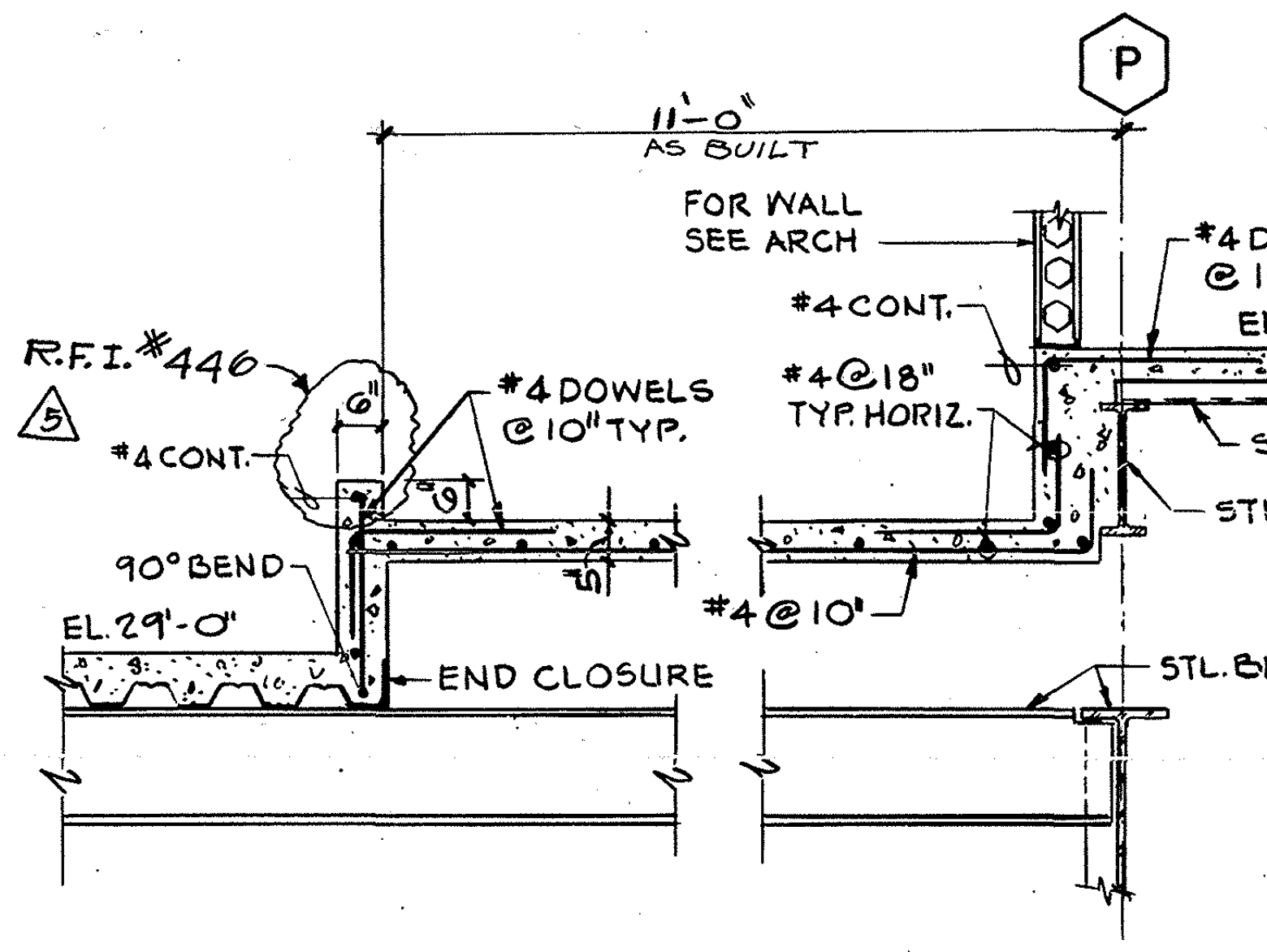
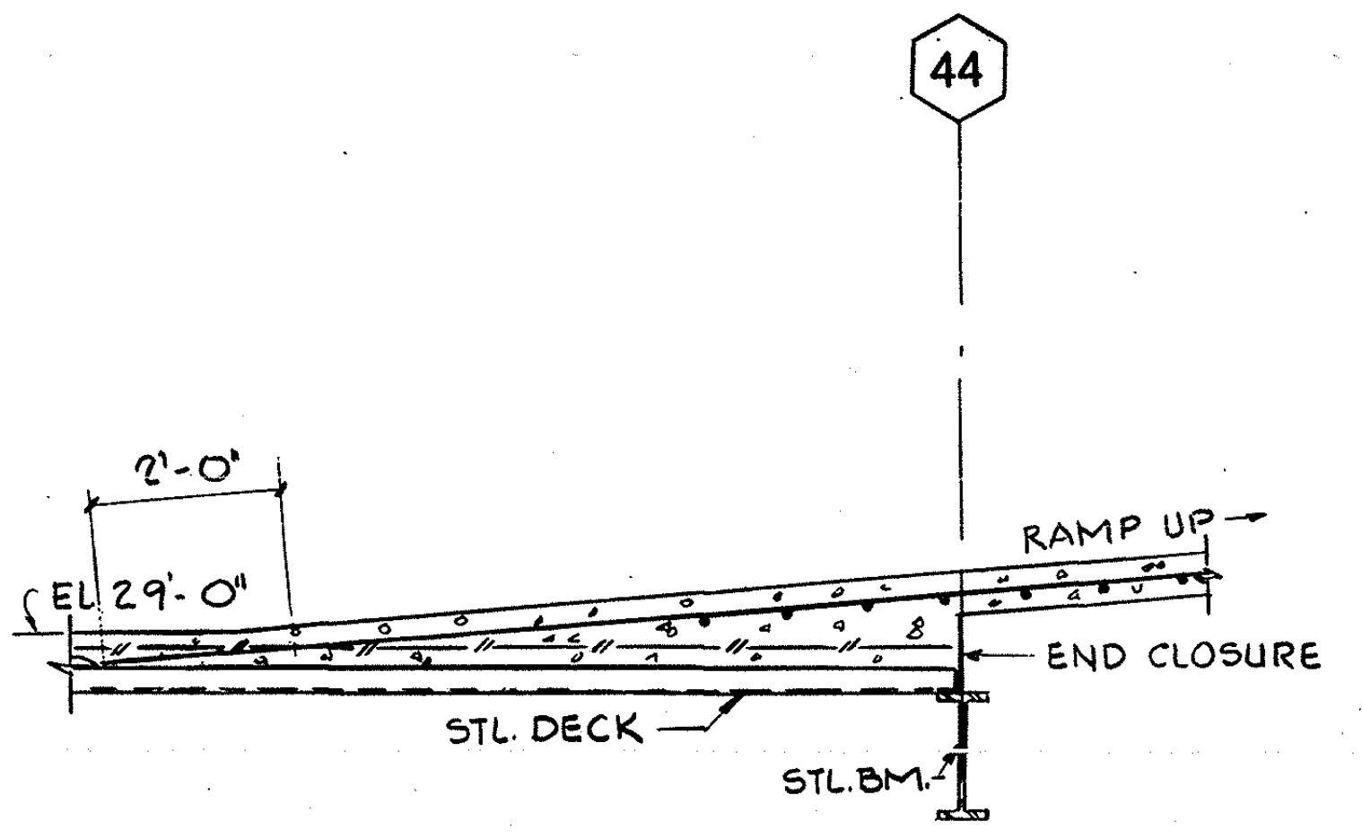
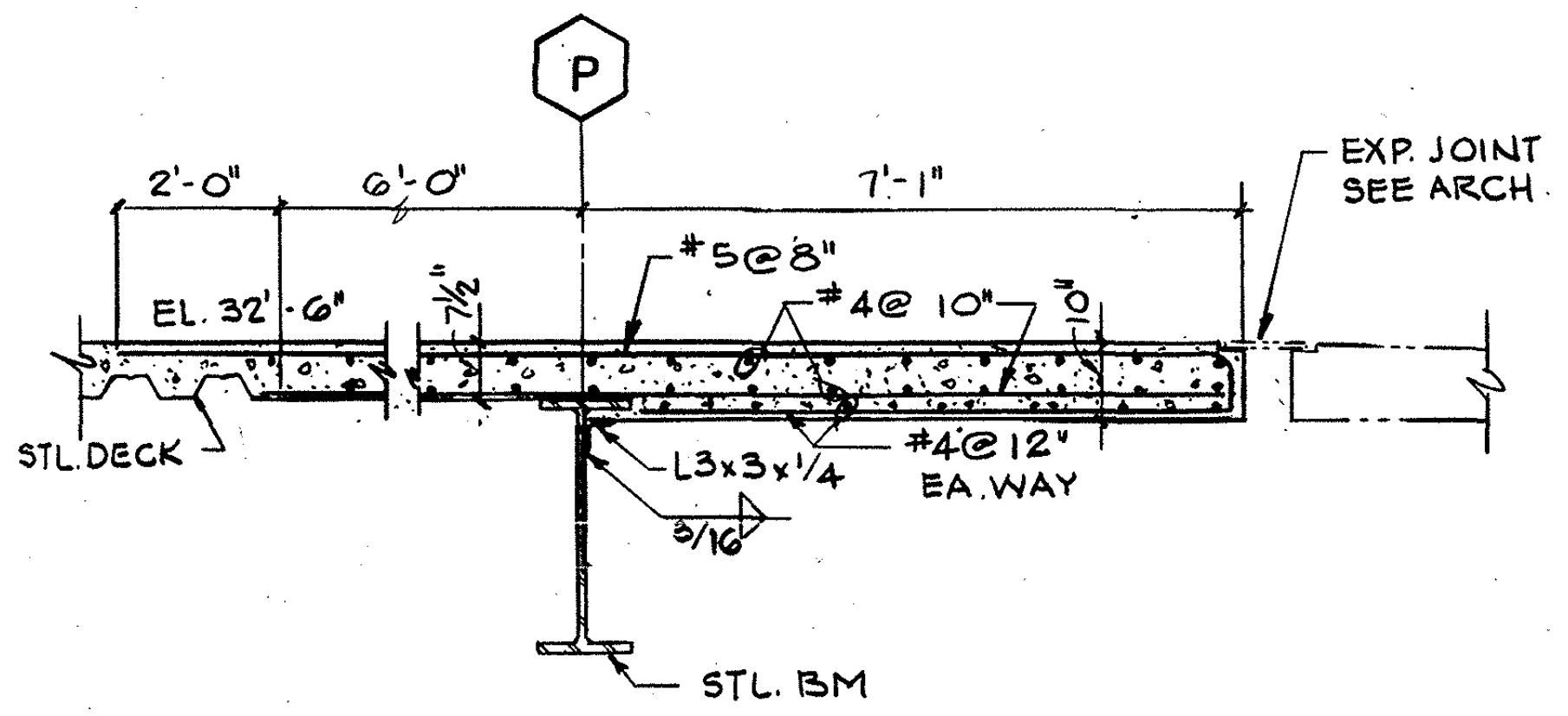


1/2" = 1'-0"

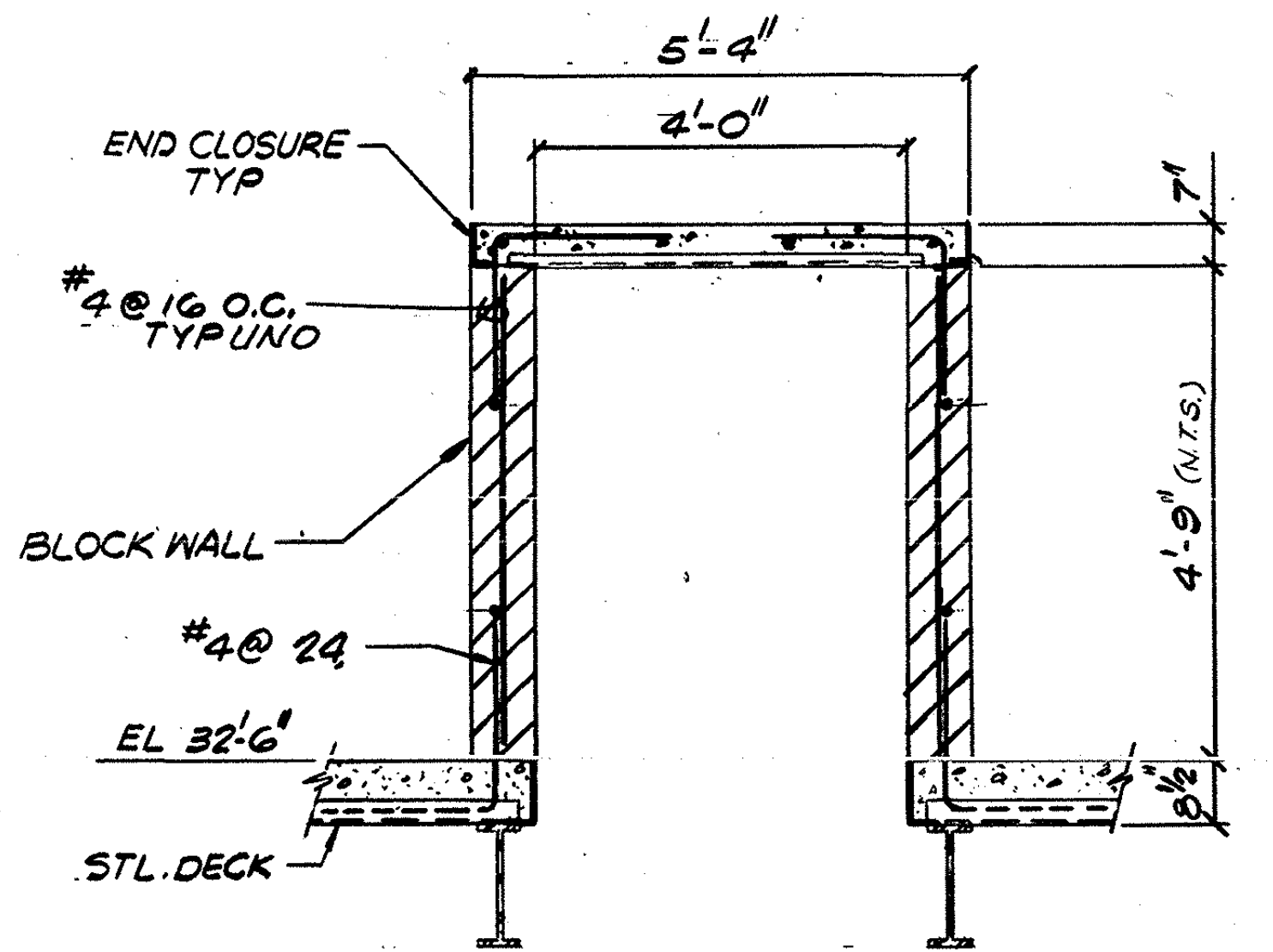
7



8



9



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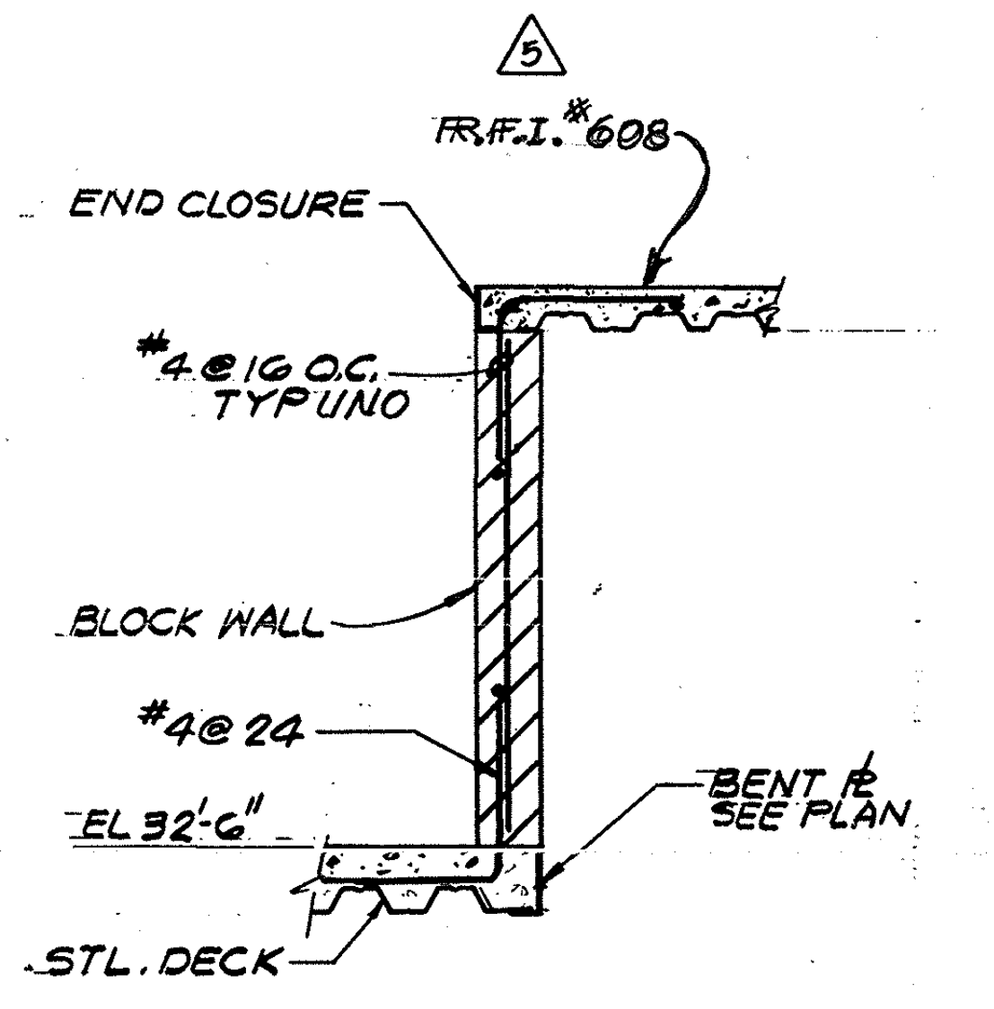

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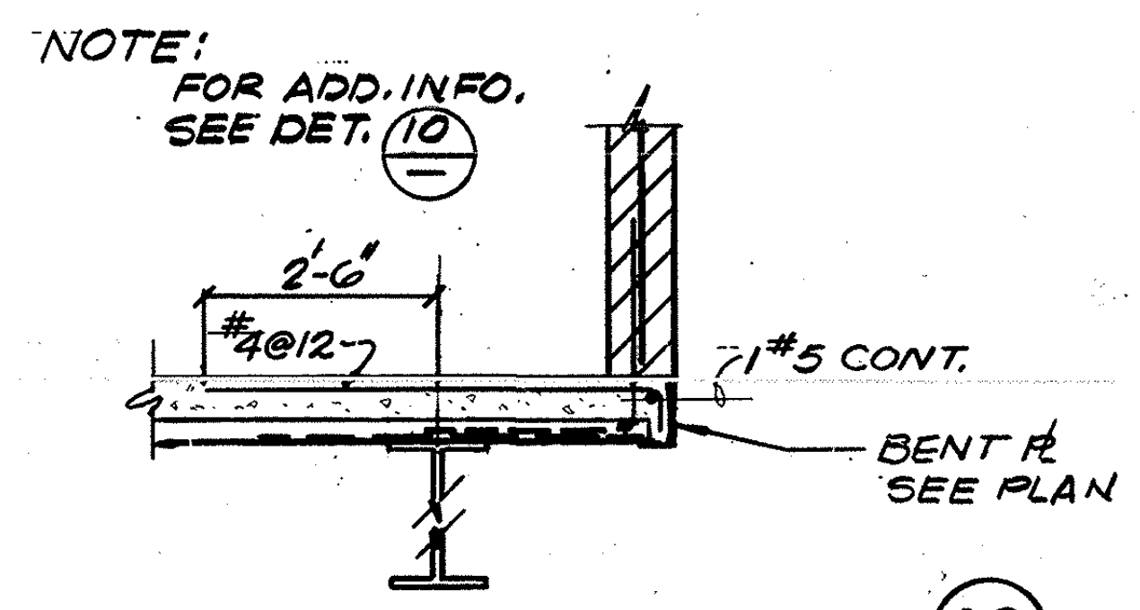

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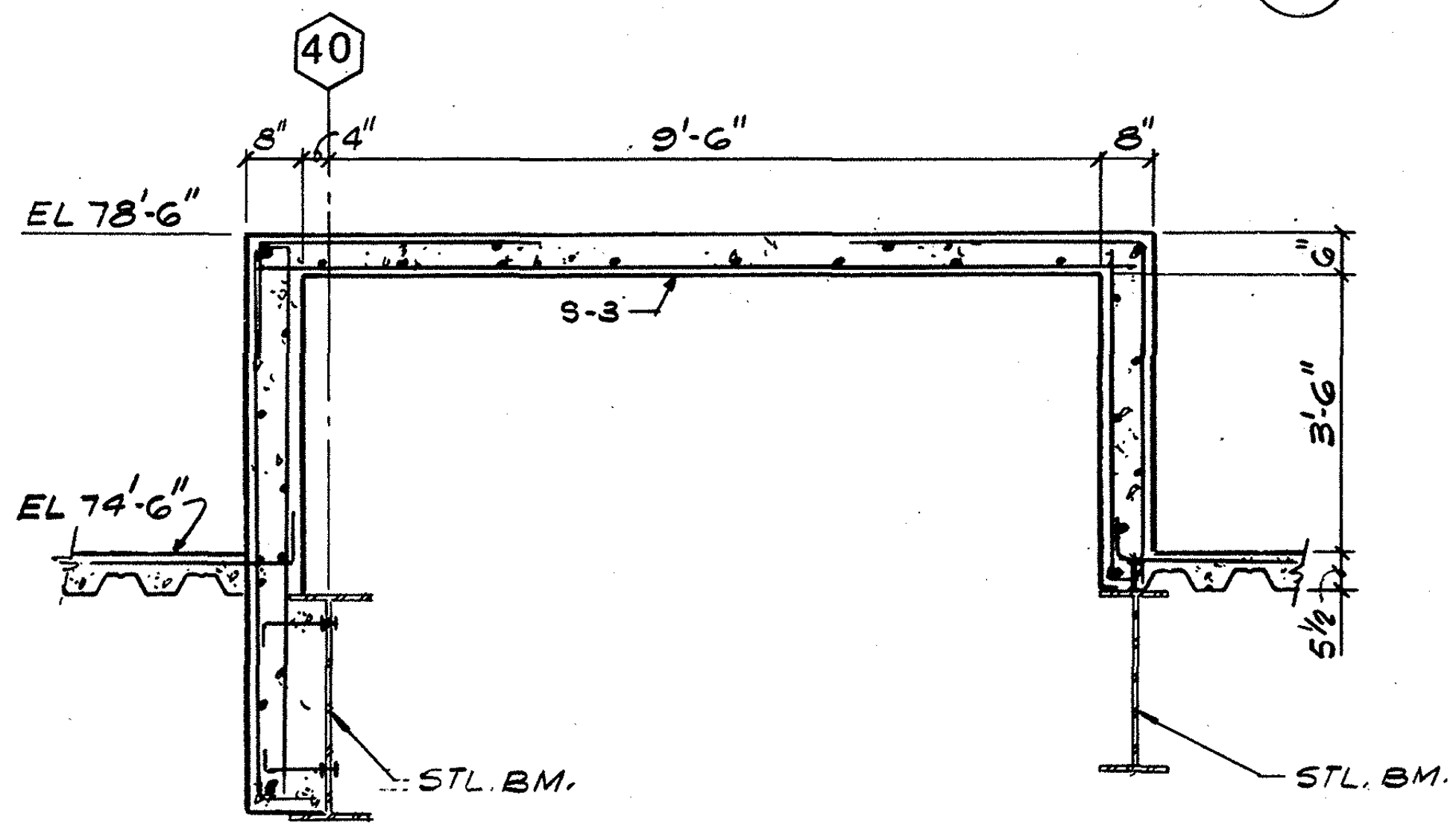

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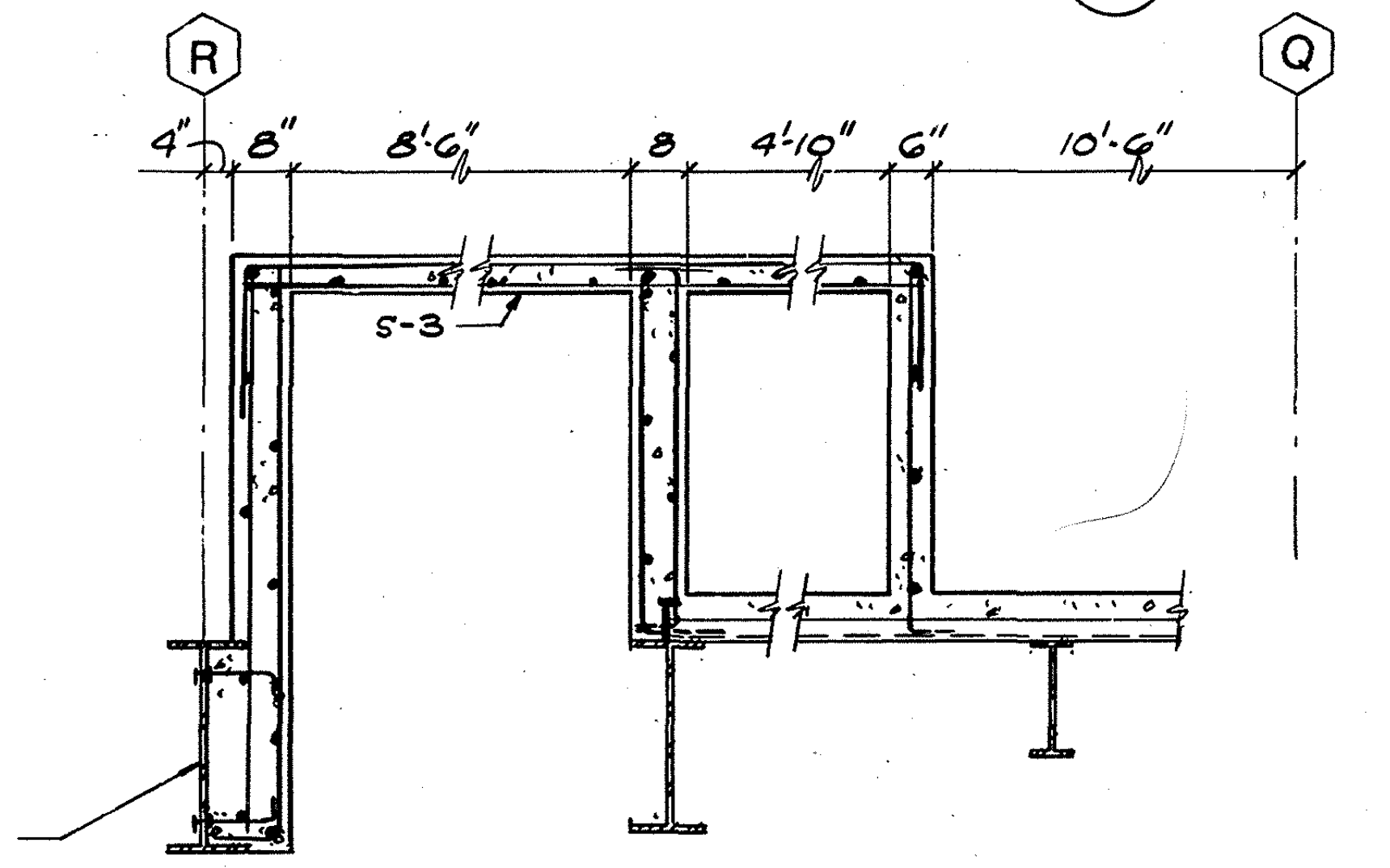

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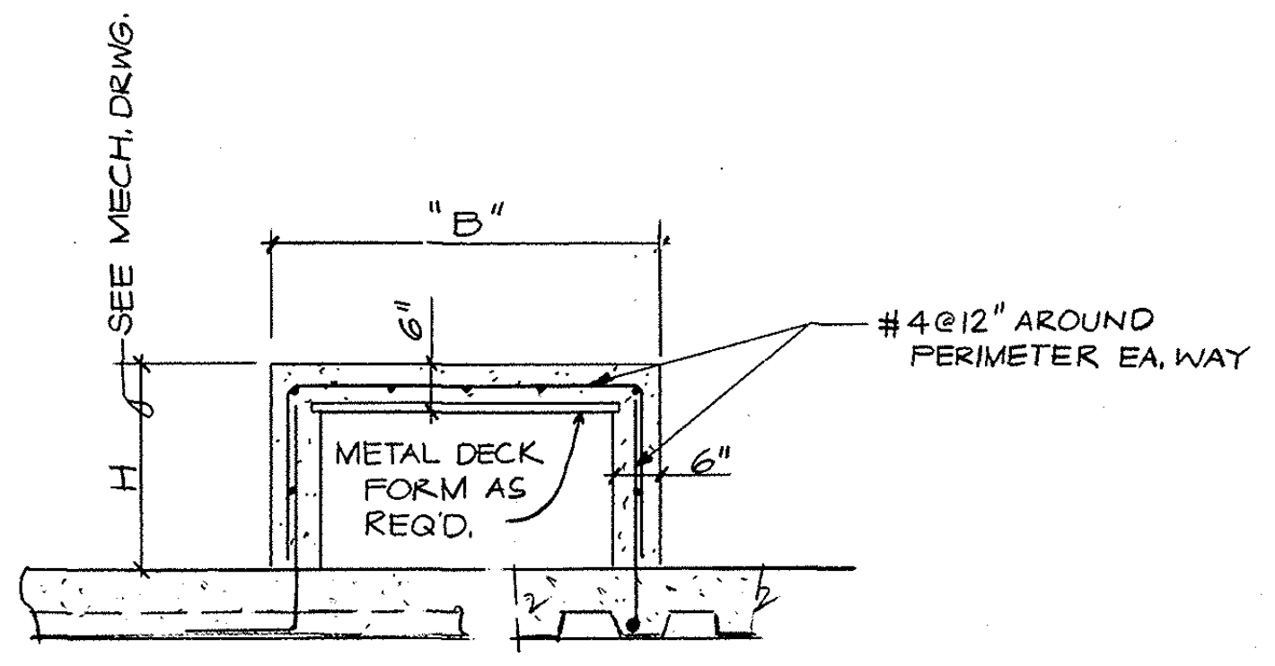
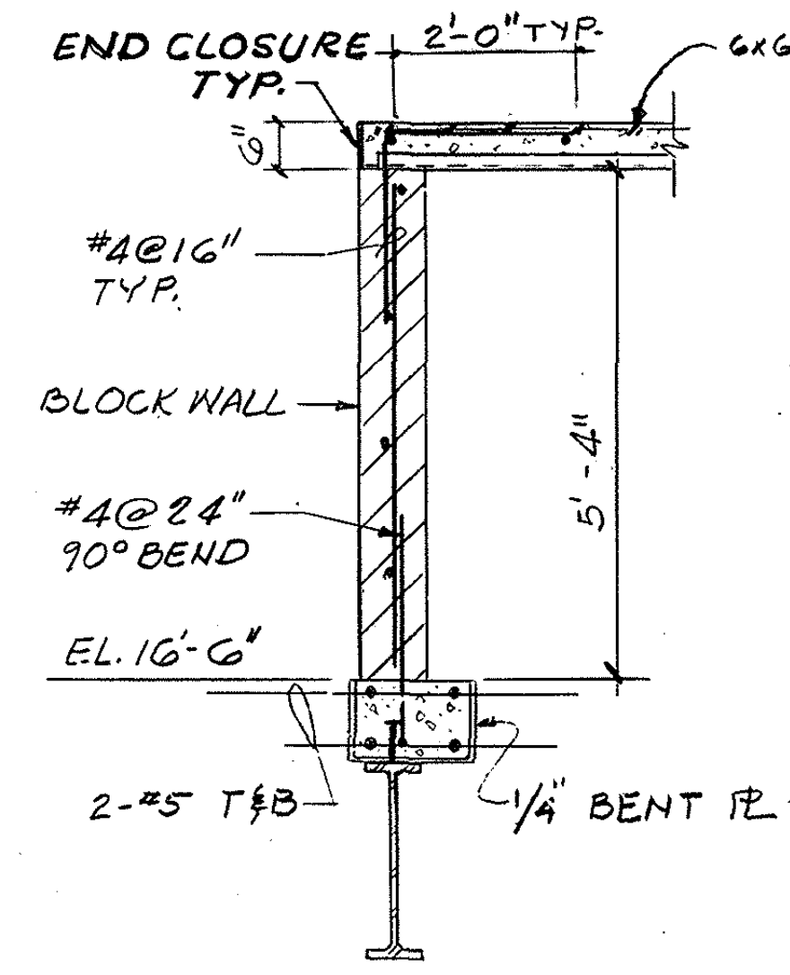
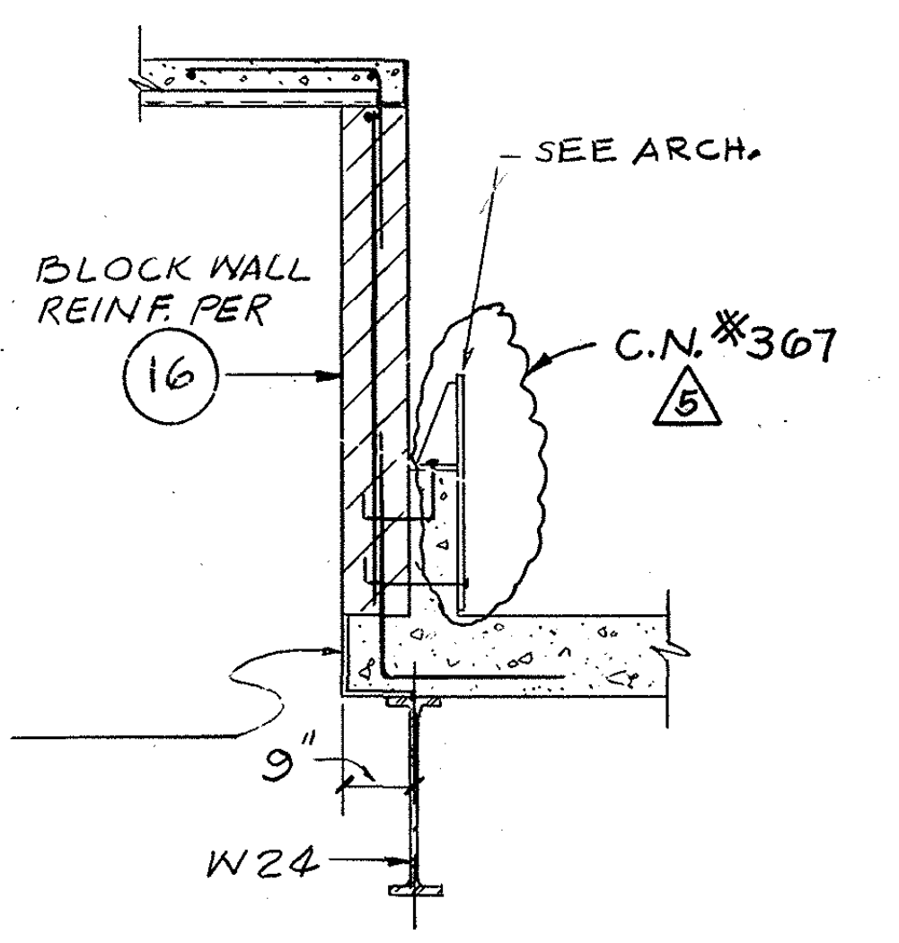


NOTE: CAST SOLID WHERE H ≤ 9" OR "B" ≤ 16"

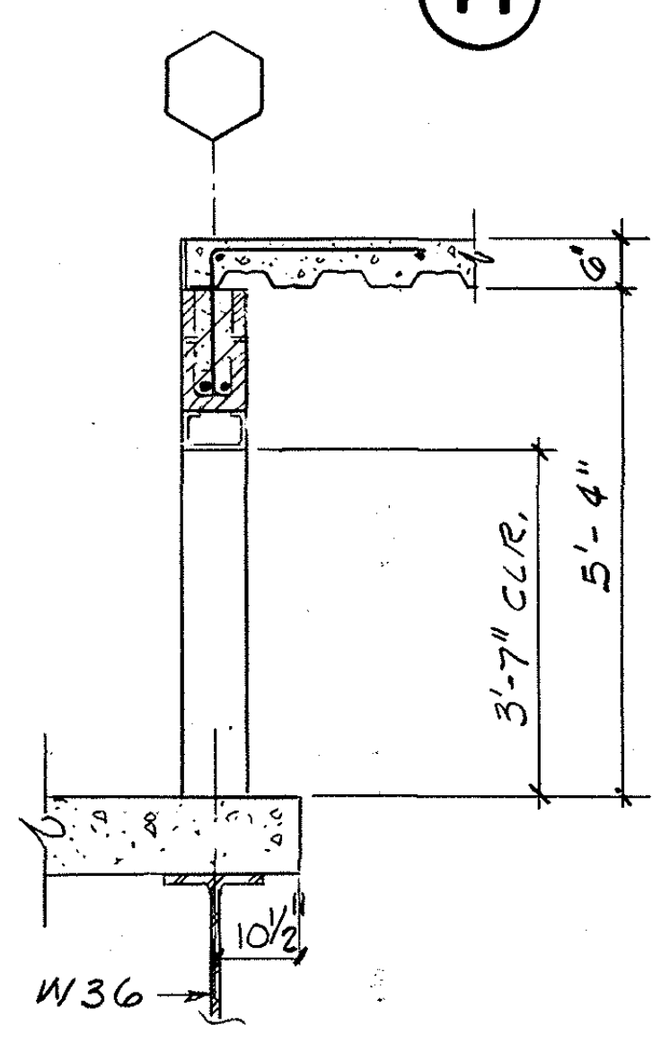
TYP. MECH. EQUIPMENT PIER 15



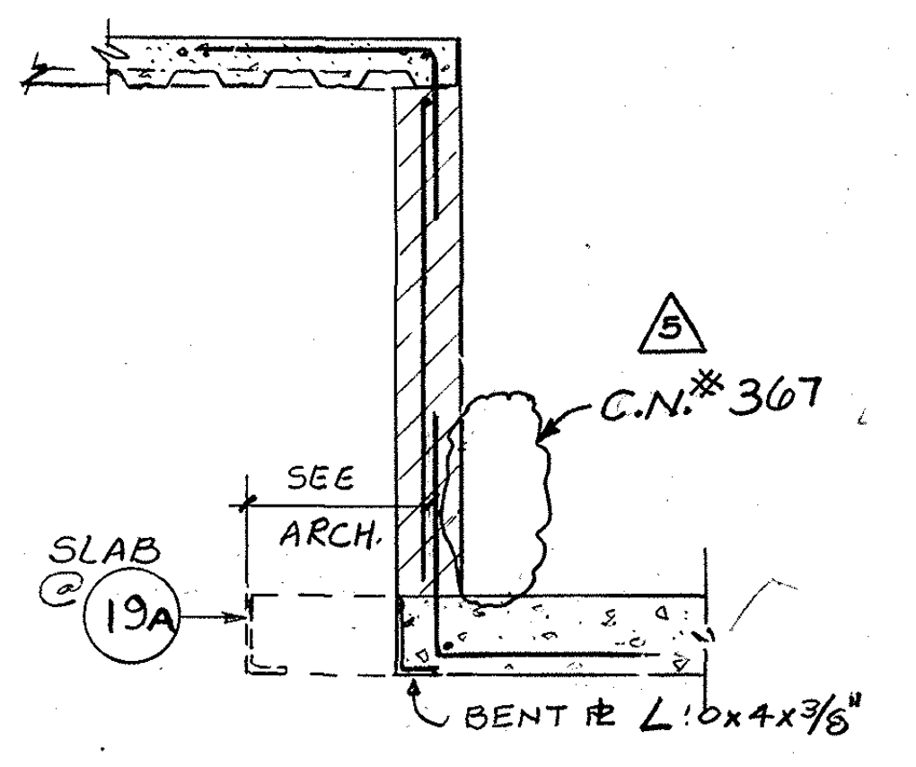
16



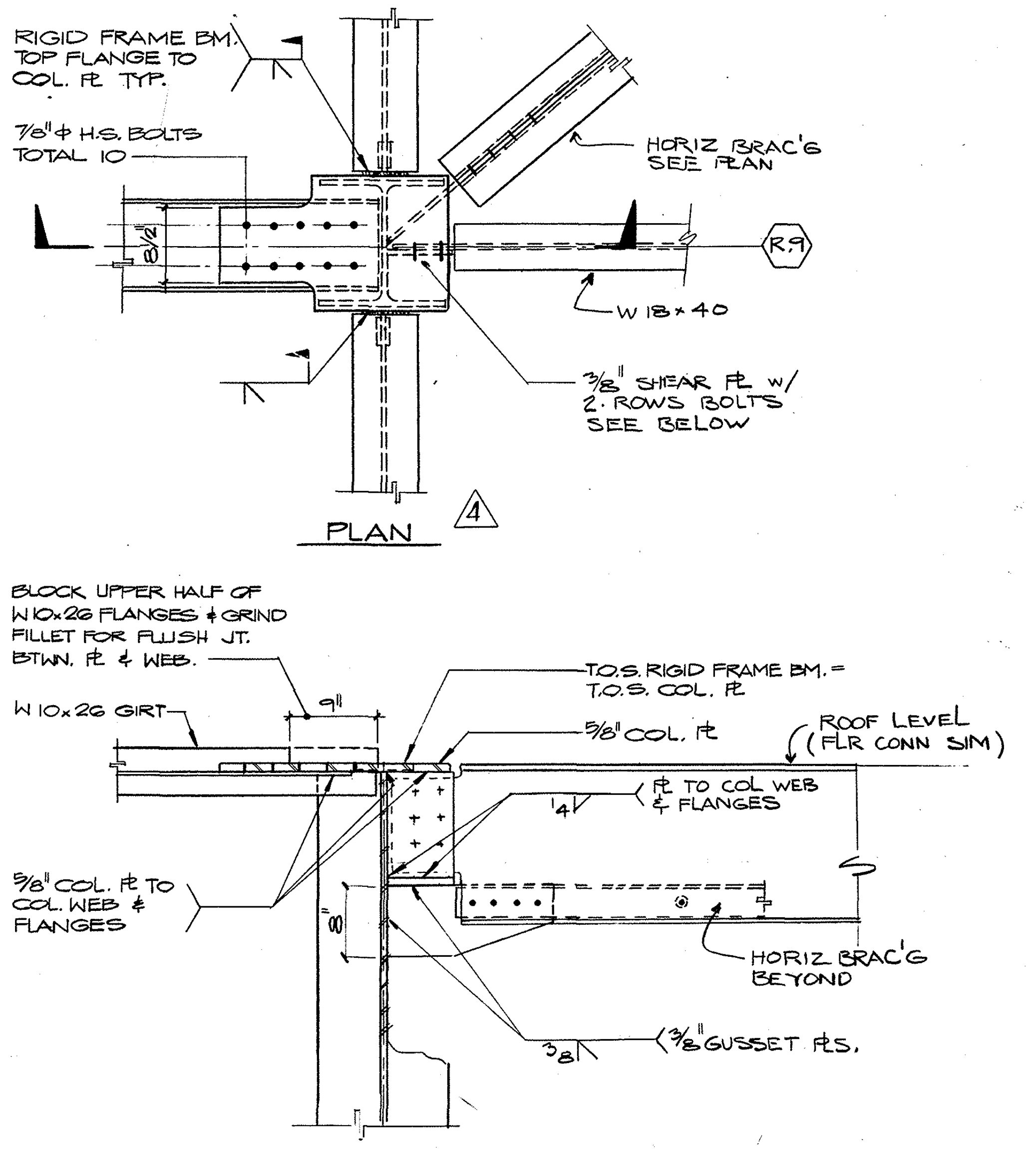
17



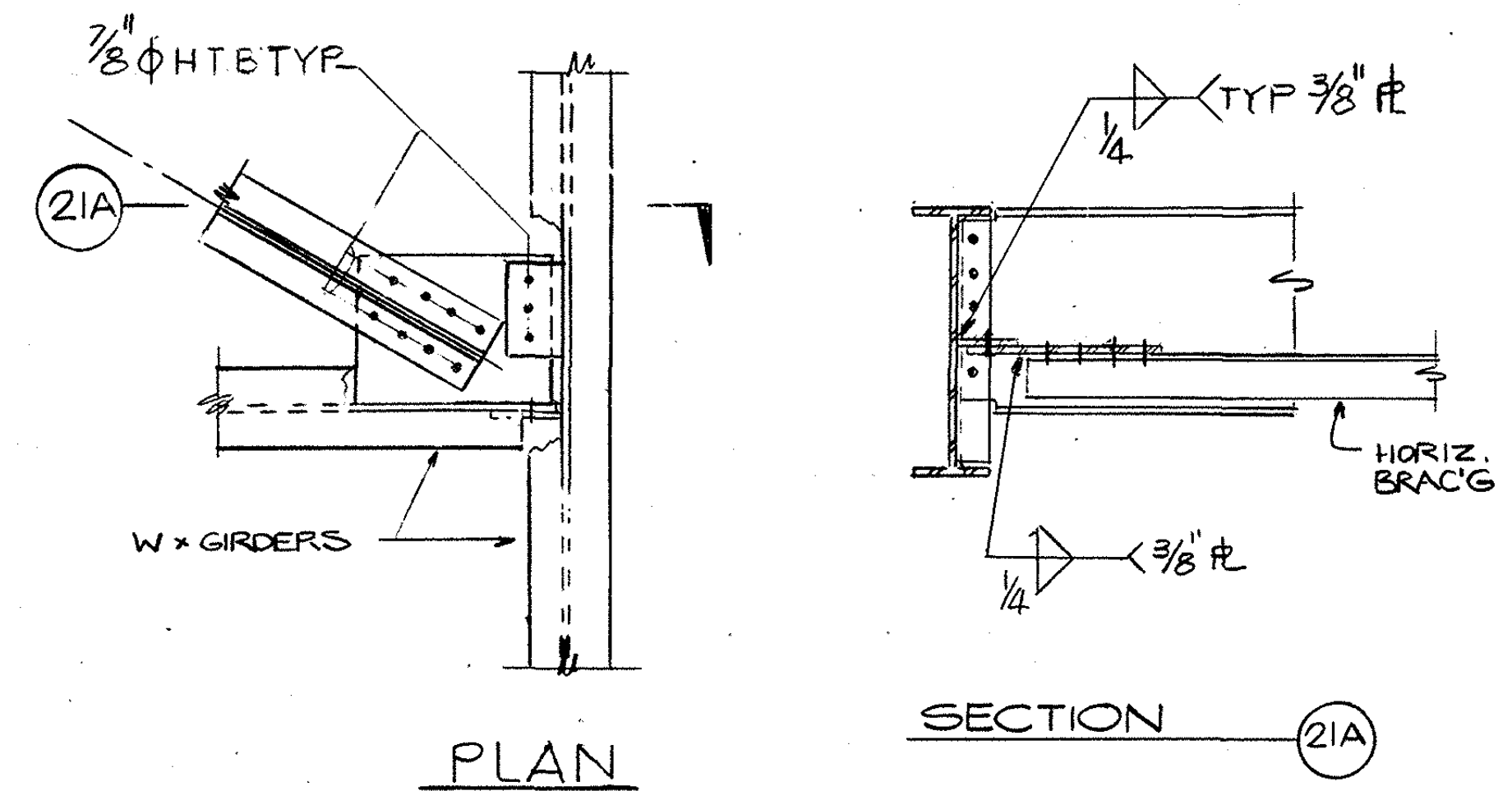
18



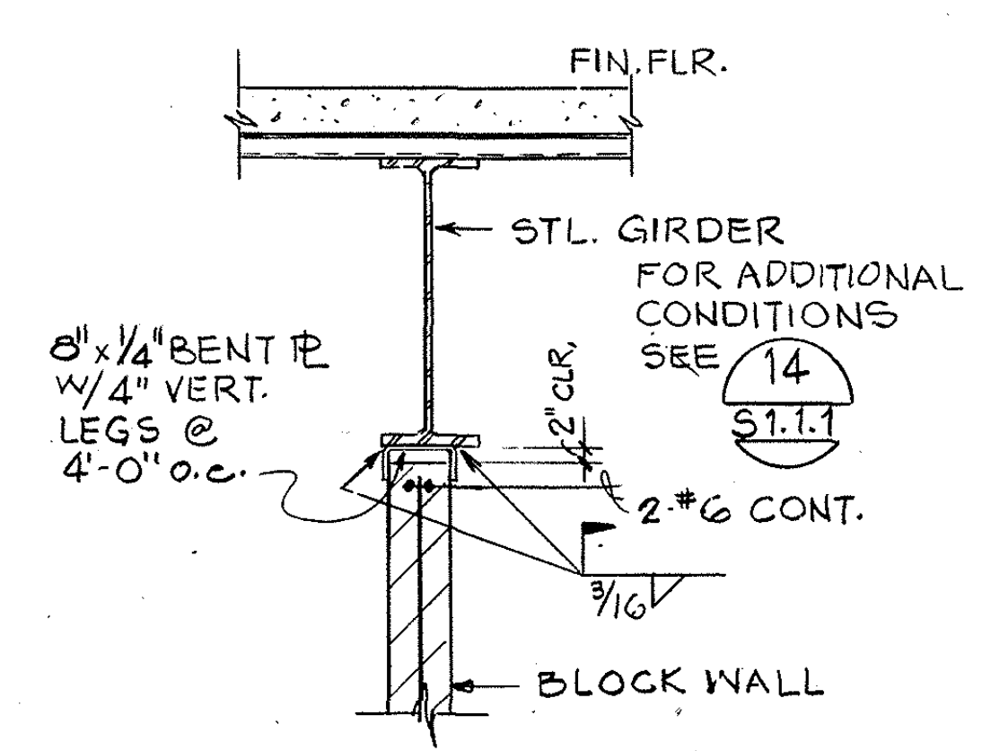
19 19A


RIGID FRAME BM. TOP FLANGE TO COL. PL TYP.
7/8"Φ H.S. BOLTS TOTAL 10
HORIZ BRAC'G SEE PLAN
8 1/2"
R.9
W 18 x 40
3/8" SHEAR PL W/ 2 ROWS BOLTS SEE BELOW
PLAN 4
BLOCK UPPER HALF OF W10x26 FLANGES & GRIND FILLET FOR FLUSH JT. BTWN. PL & WEB.
T.O.S. RIGID FRAME BM. = T.O.S. COL. PL
W 10x26 GIRT
9"
5/8" COL. PL
ROOF LEVEL (FLR CONN SIM)
1/4
PL TO COL WEB & FLANGES
5/8" COL. PL TO COL. WEB & FLANGES
8"
HORIZ. BRAC'G BEYOND
3/8
3/8" GUSSET PLS.

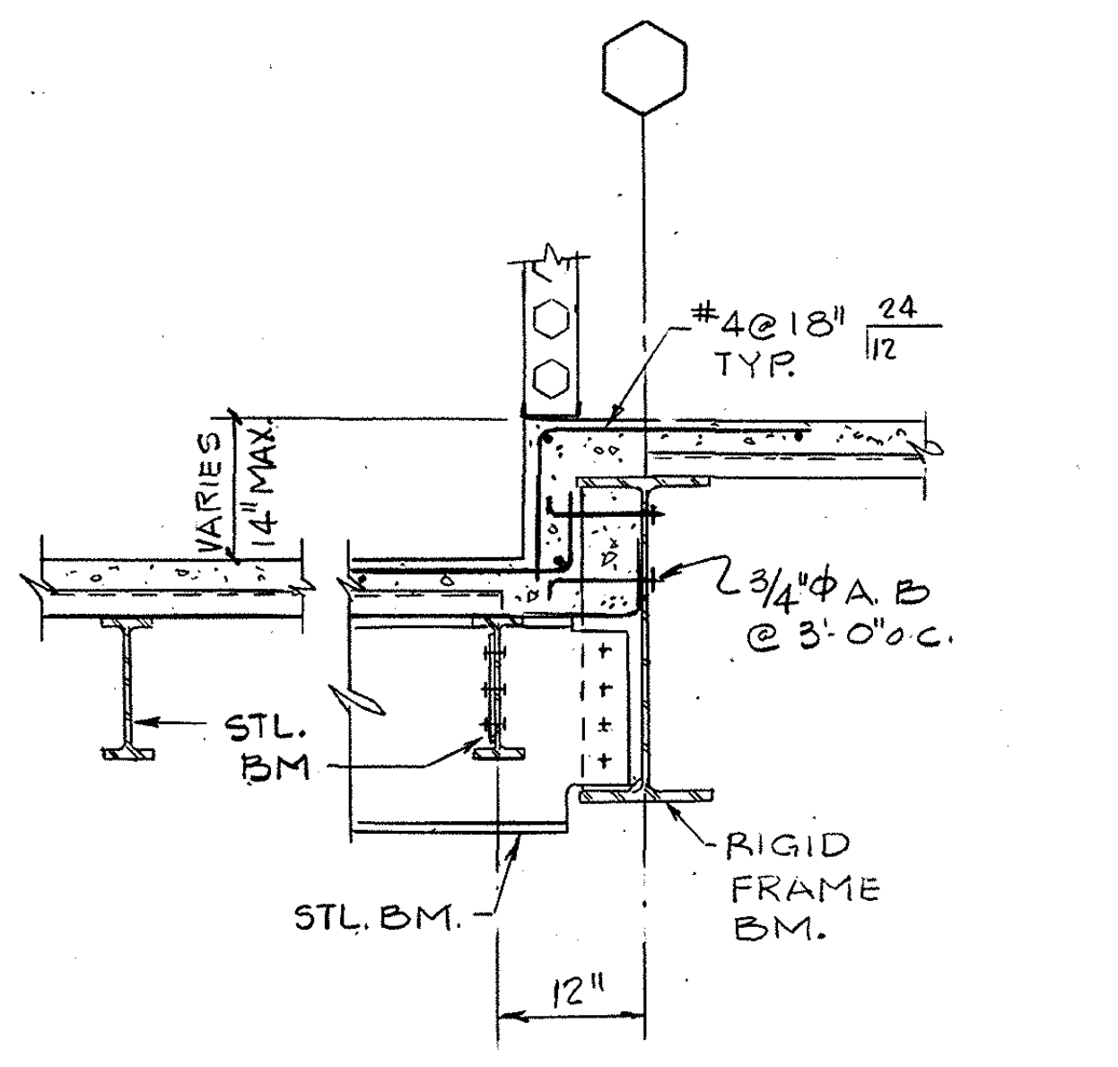
HORIZ. GIRT & ROOF BRACE CONNECTION 20 4



4 21


FIN. FLR.
STL. GIRDER
FOR ADDITIONAL CONDITIONS SEE 14 S1.1.1
8" x 1/4" BENT PL W/4" VERT. LEGS @ 4'-0" o.c.
2" CLR.
2-#6 CONT.
3/16
BLOCK WALL
1

22



4 23

AS BUILT	5 9-84 E.F R.F.I. #446, 608. C.N. #367.	4 5/30/82 CONCOURSE GATE REV'S.	C 3-31-82 ADDENDUM C	F
		1 6-1-84 BLDG. DEPT. CORRECTION	A [illegible] ADDENDUM A	

William L. Pereira FAIA

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1992
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

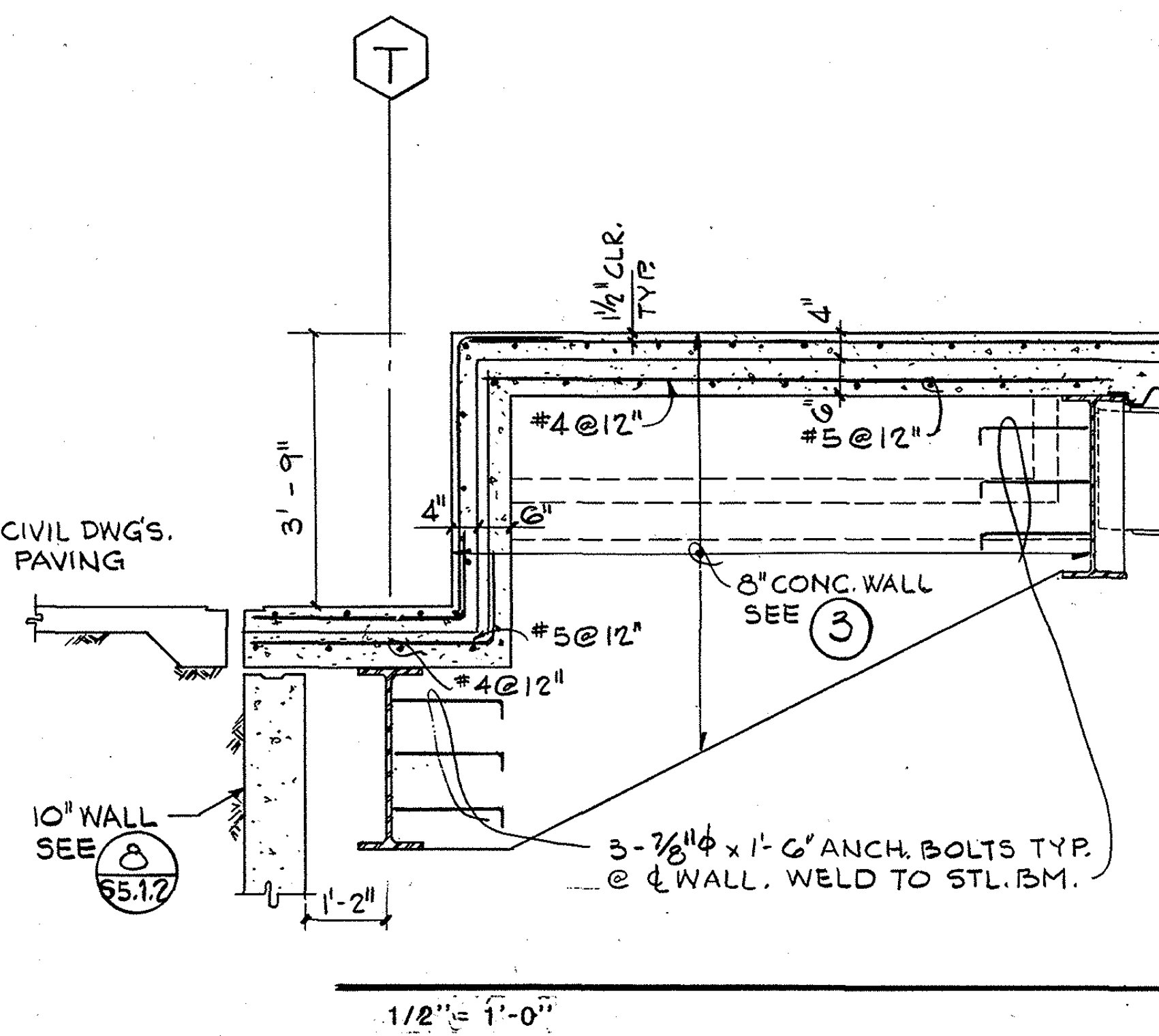
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title MISC. SECTIONS & DETAILS
Department of Airports Drawing No. 82001-600

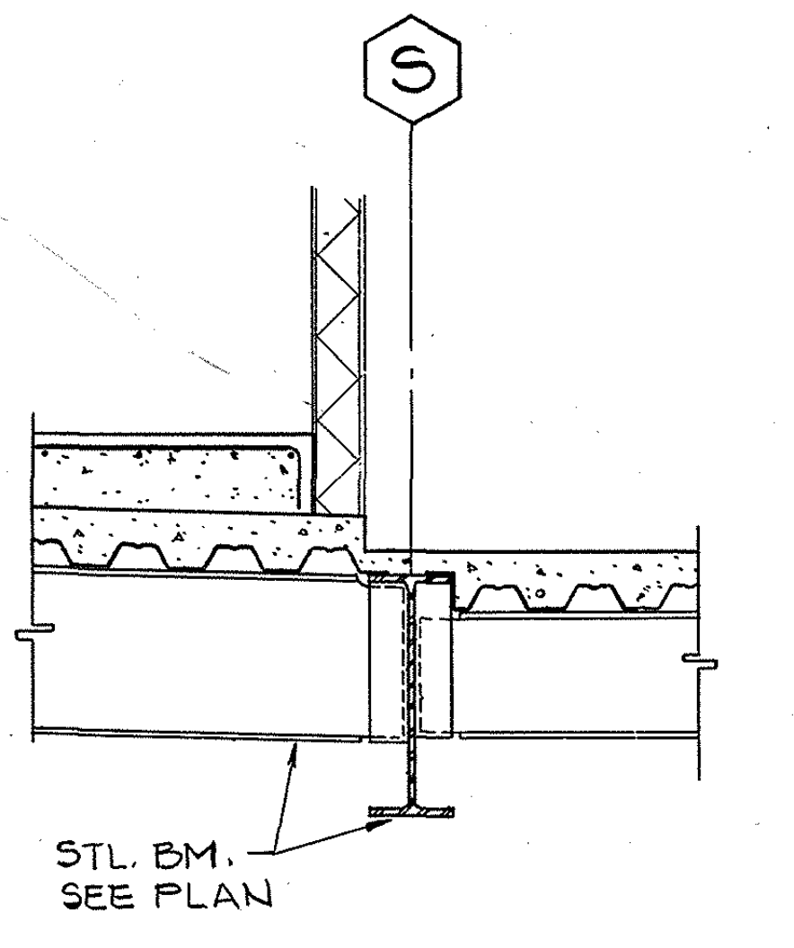
Designed By DLD
Drawn By
Chief Architect JDW, BAS
PDSW Project No. 79000

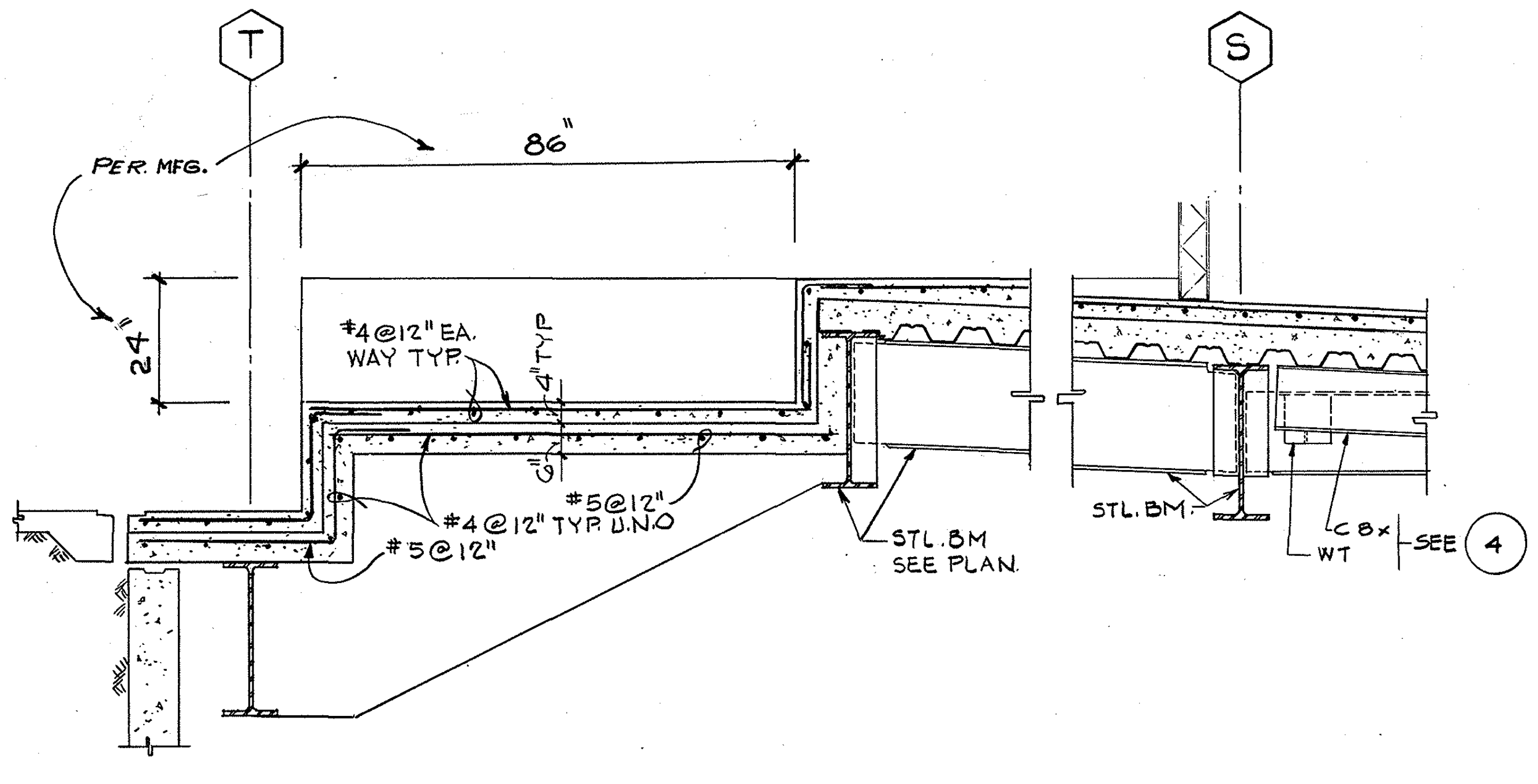
Drawing No. S5.2.2
Sheet of Sheets



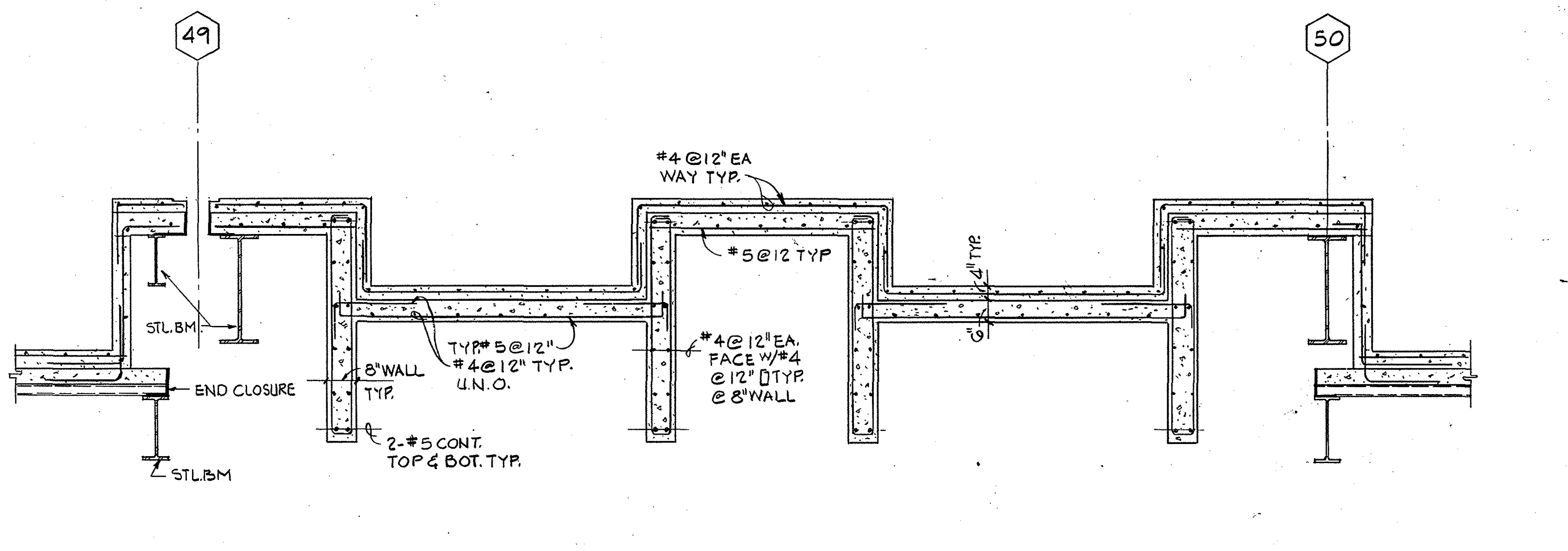
1/2" = 1'-0"

(1)

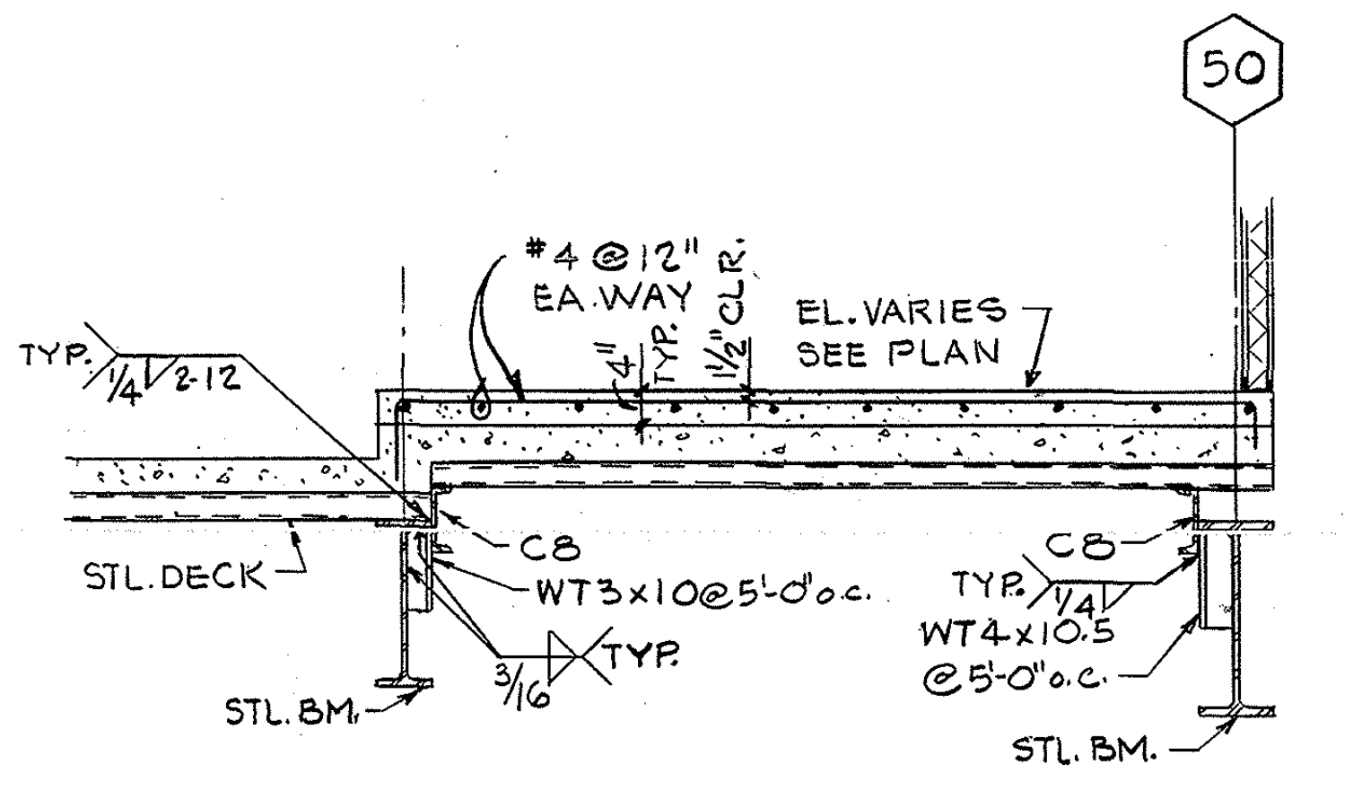




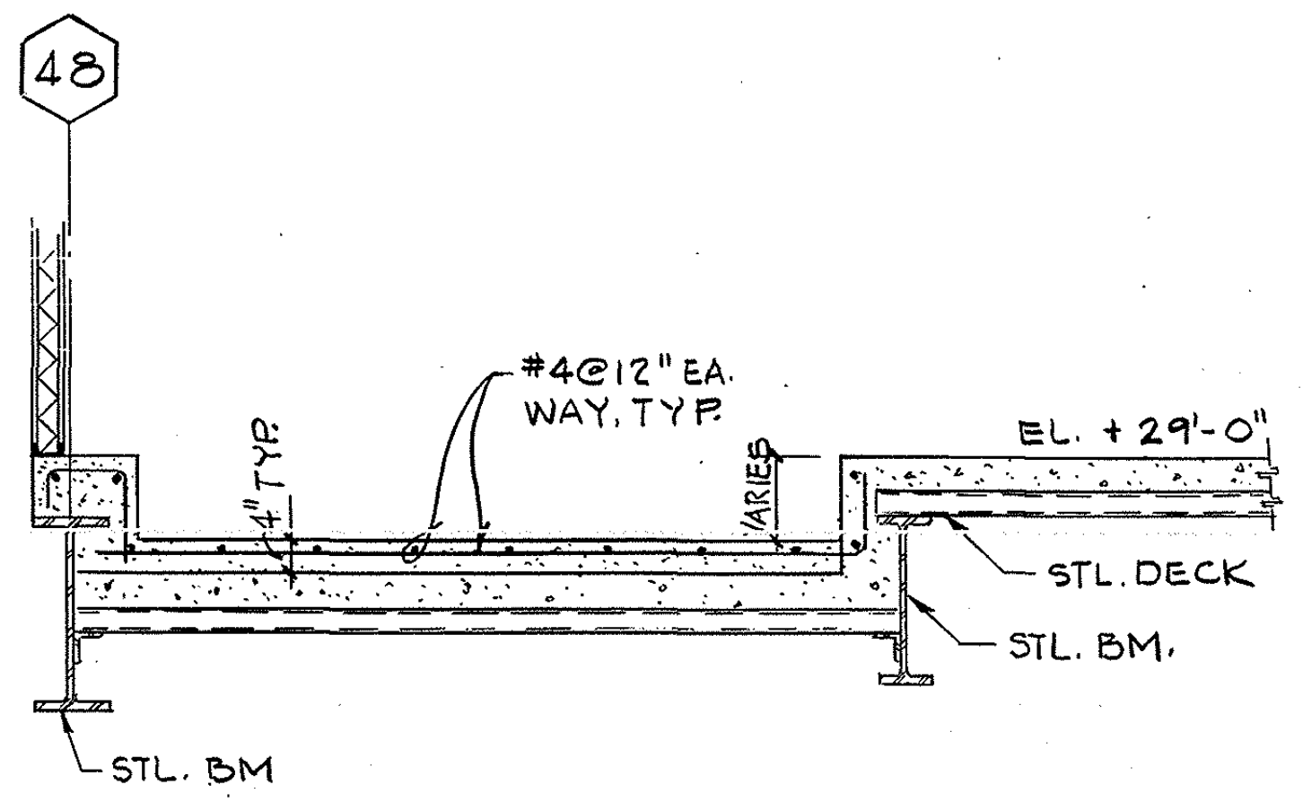
(2)


49
50
#4@12" EA WAY TYP.
#5@12 TYP
STL. BM
8" WALL TYP.
END CLOSURE
TYP. #5@12" #4@12" TYP. U.N.O.
#4@12" EA. FACE W/#4 @12" TYP. @ 8" WALL
2-#5 CONT. TOP & BOT. TYP.
STL. BM

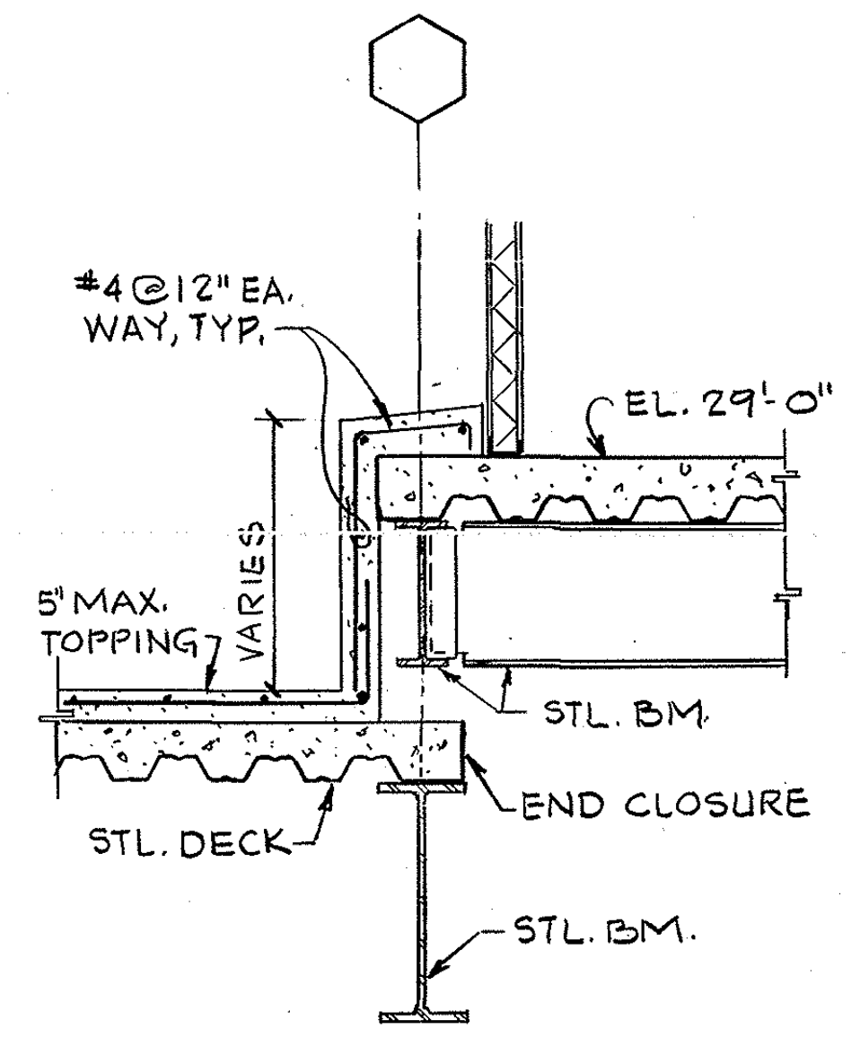
(3)



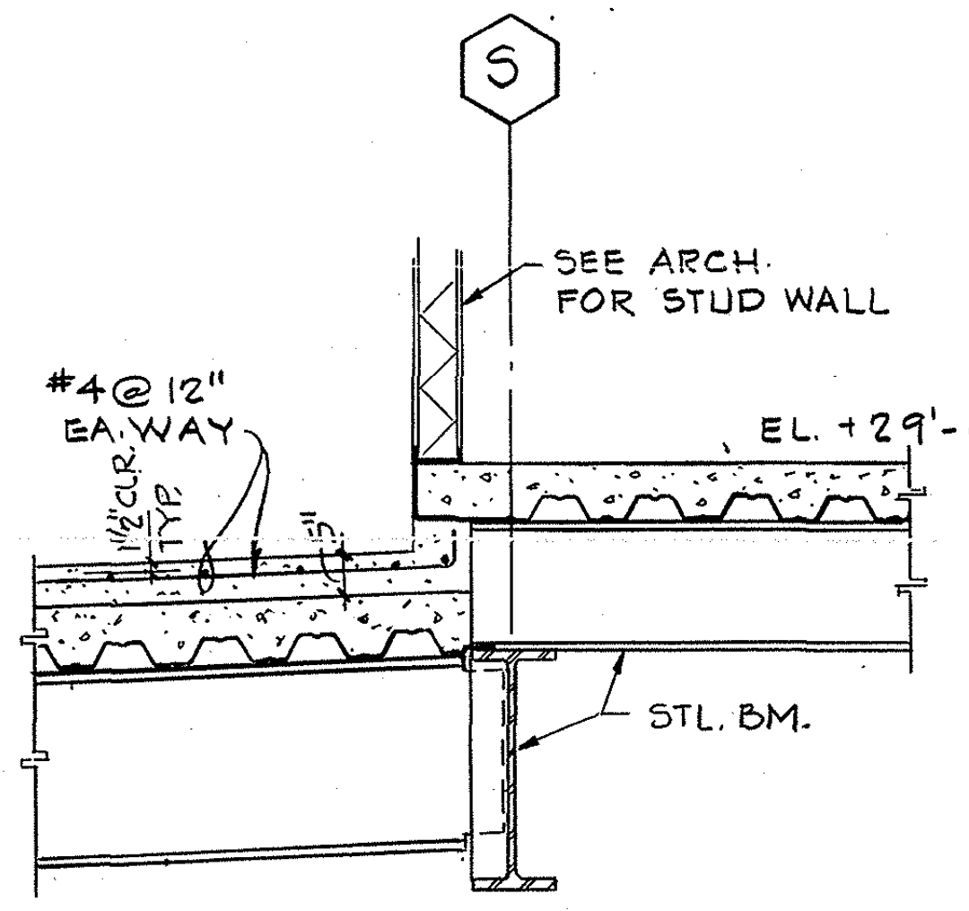
(4)



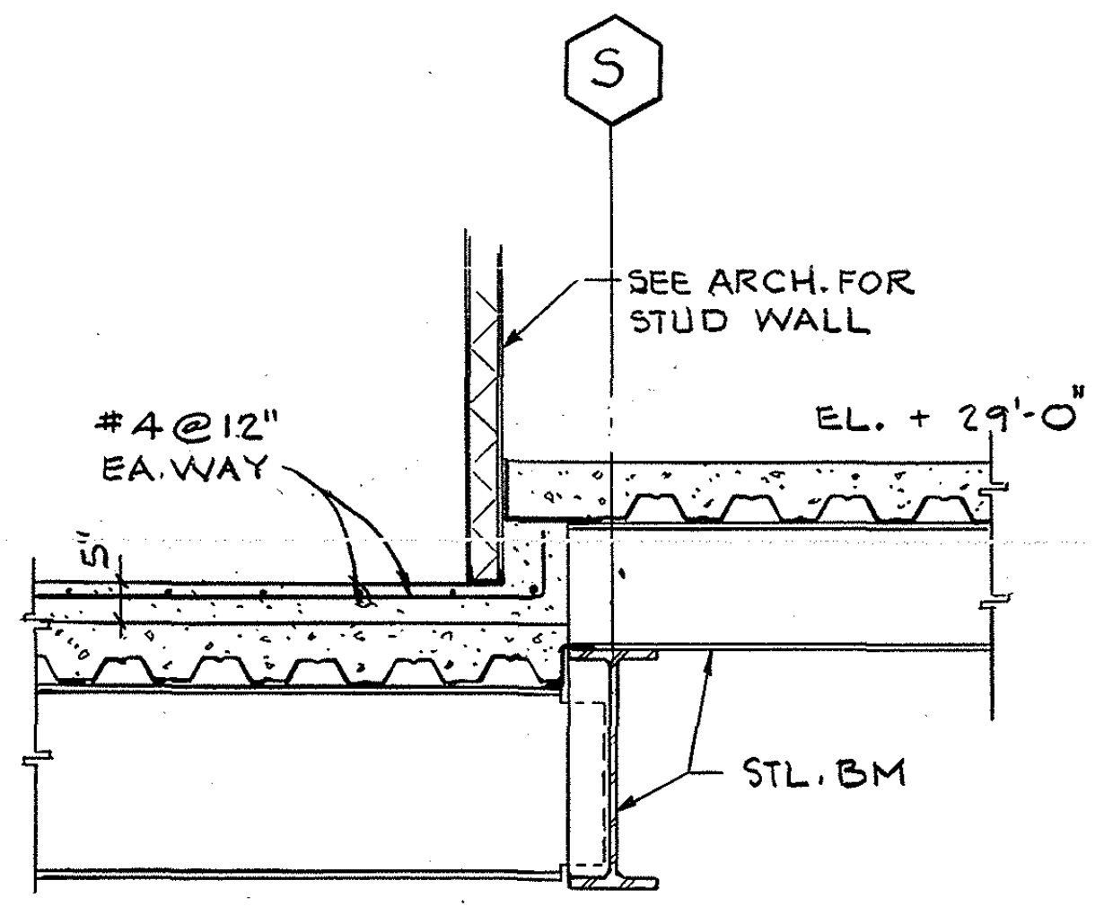
(5)



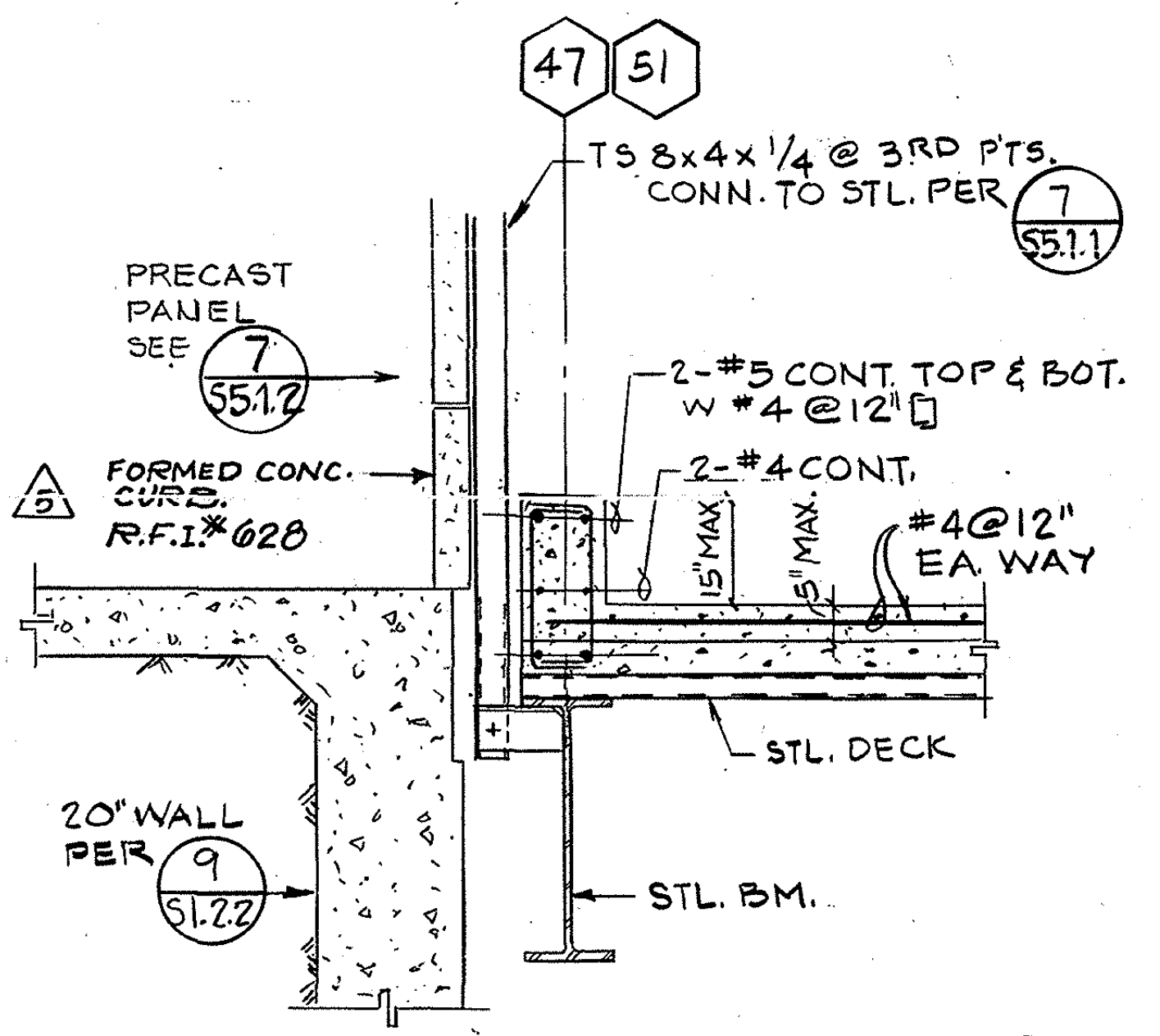
(6)



(7)

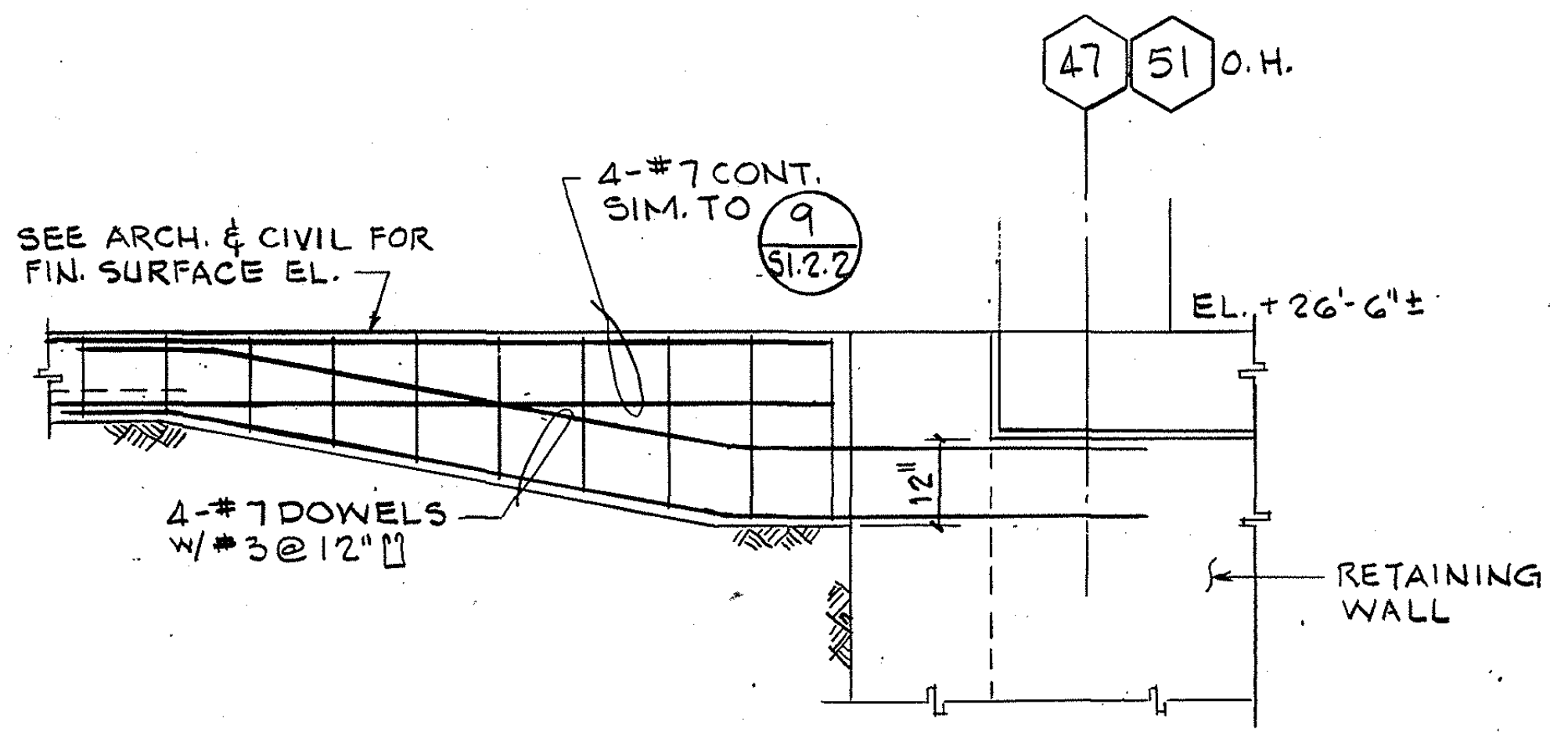


(8)

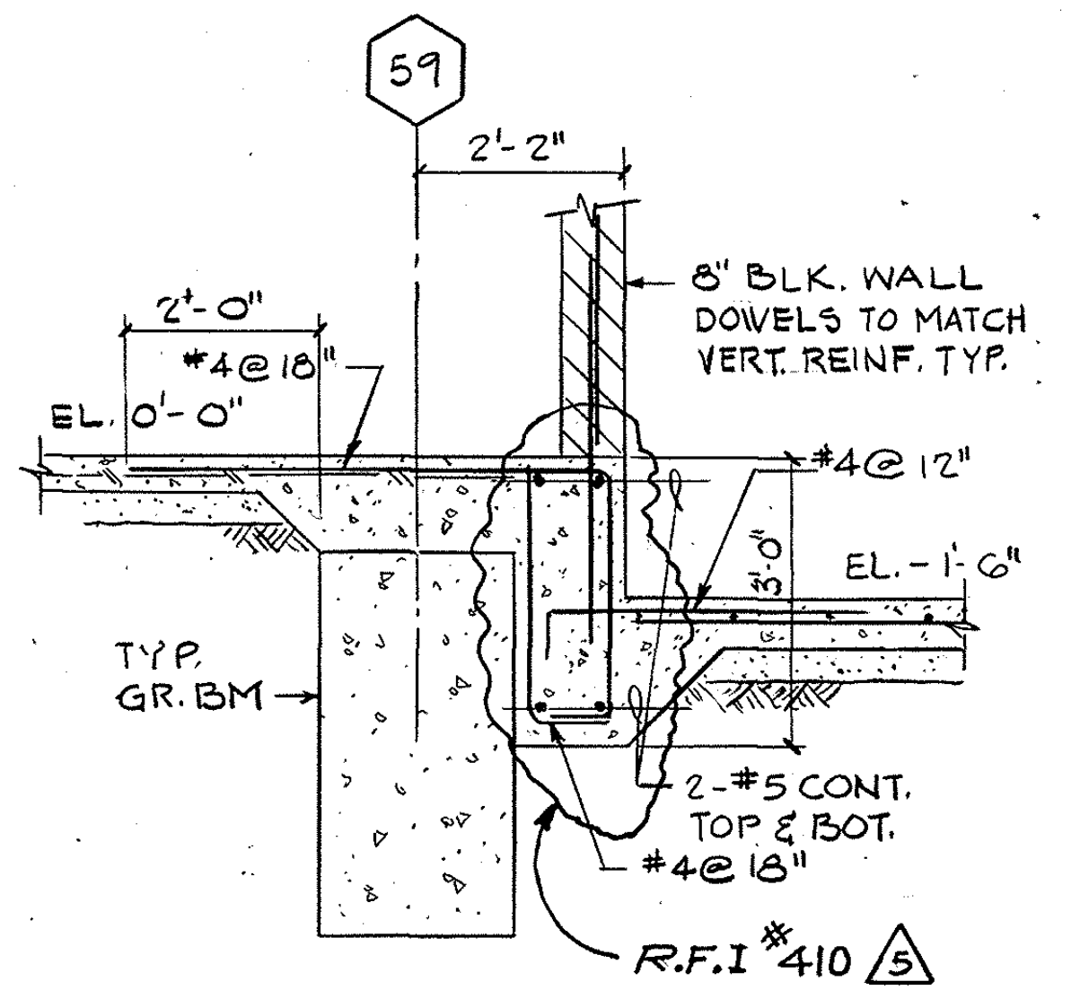

47 51
TS 8x4x1/4 @ 3RD PTS. CONN. TO STL. PER 7 S5.1.1
PRECAST PANEL SEE 7 S5.1.2
FORMED CONC. CURB. R.F.I. #628
2-#5 CONT. TOP & BOT. W/#4@12"
2-#4 CONT.
#4@12" EA. WAY
STL. DECK
20" WALL PER 9 S1.2.2
STL. BM.

(9)

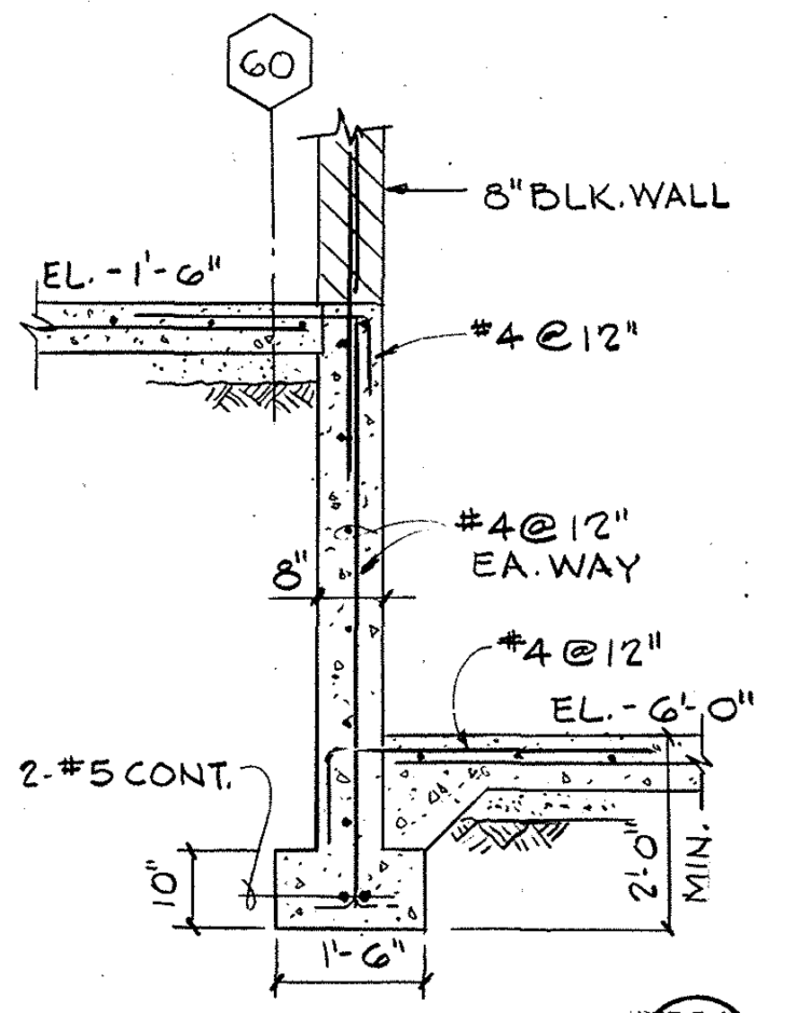
LOADING DOCK SECTIONS


47 51 O.H.
SEE ARCH. & CIVIL FOR FIN. SURFACE EL.
4-#7 CONT. SIM. TO 9 S1.2.2
EL. +26'-6"±
4-#7 DOWELS W/#3@12"
RETAINING WALL

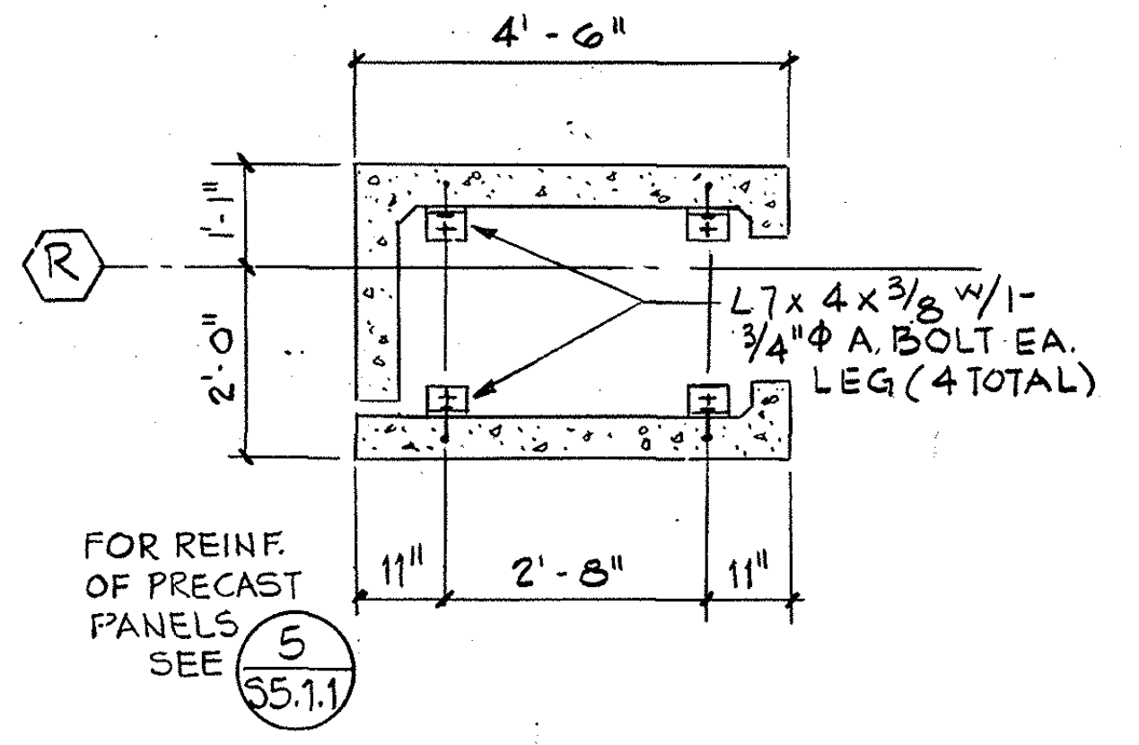
(10)



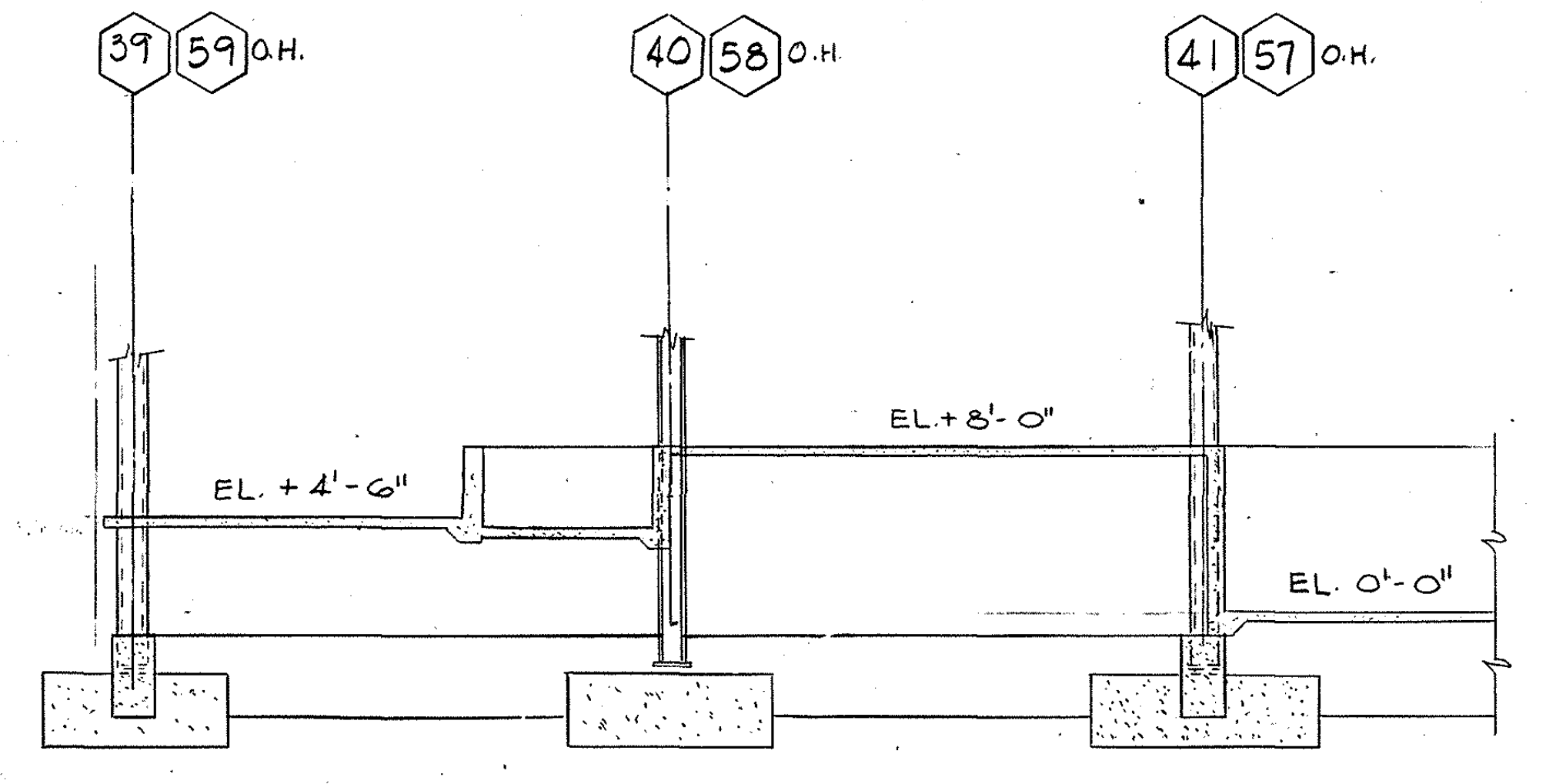
(11)



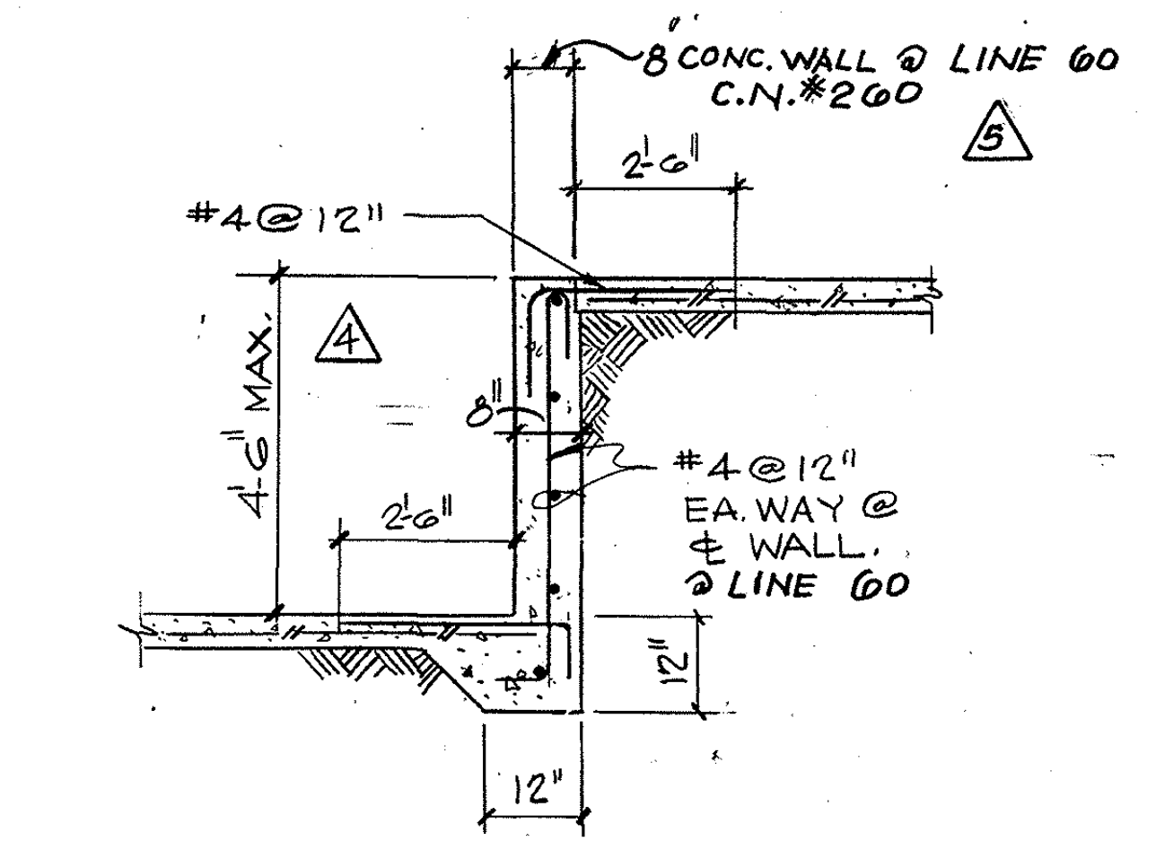
(12)


4'-6"
R
L7x4x3/8 W/1-3/4"φ A BOLT EA. LEG (4 TOTAL)
11" 2'-8" 11"
FOR REINF. OF PRECAST PANELS SEE 5 S5.1.1

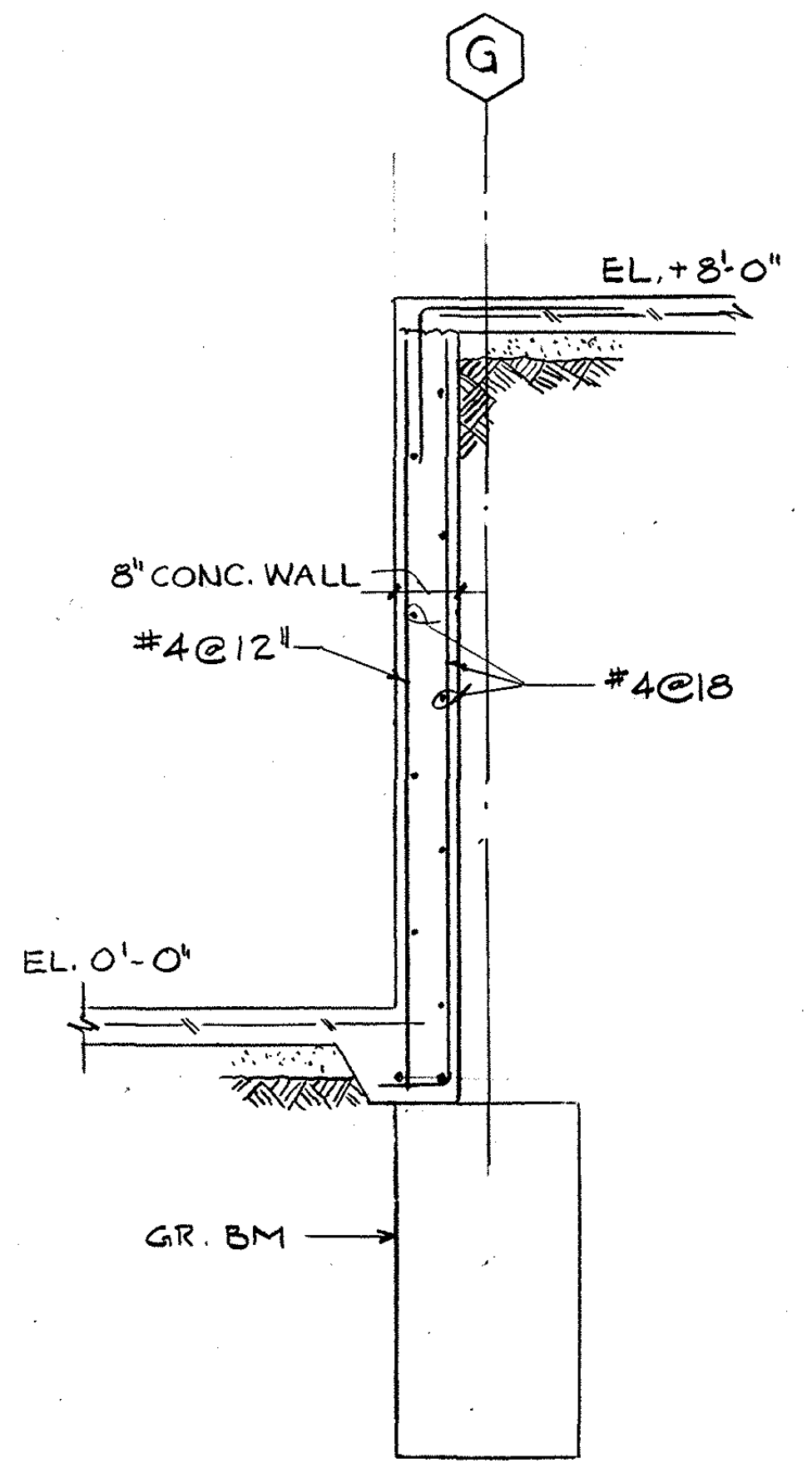
(13)



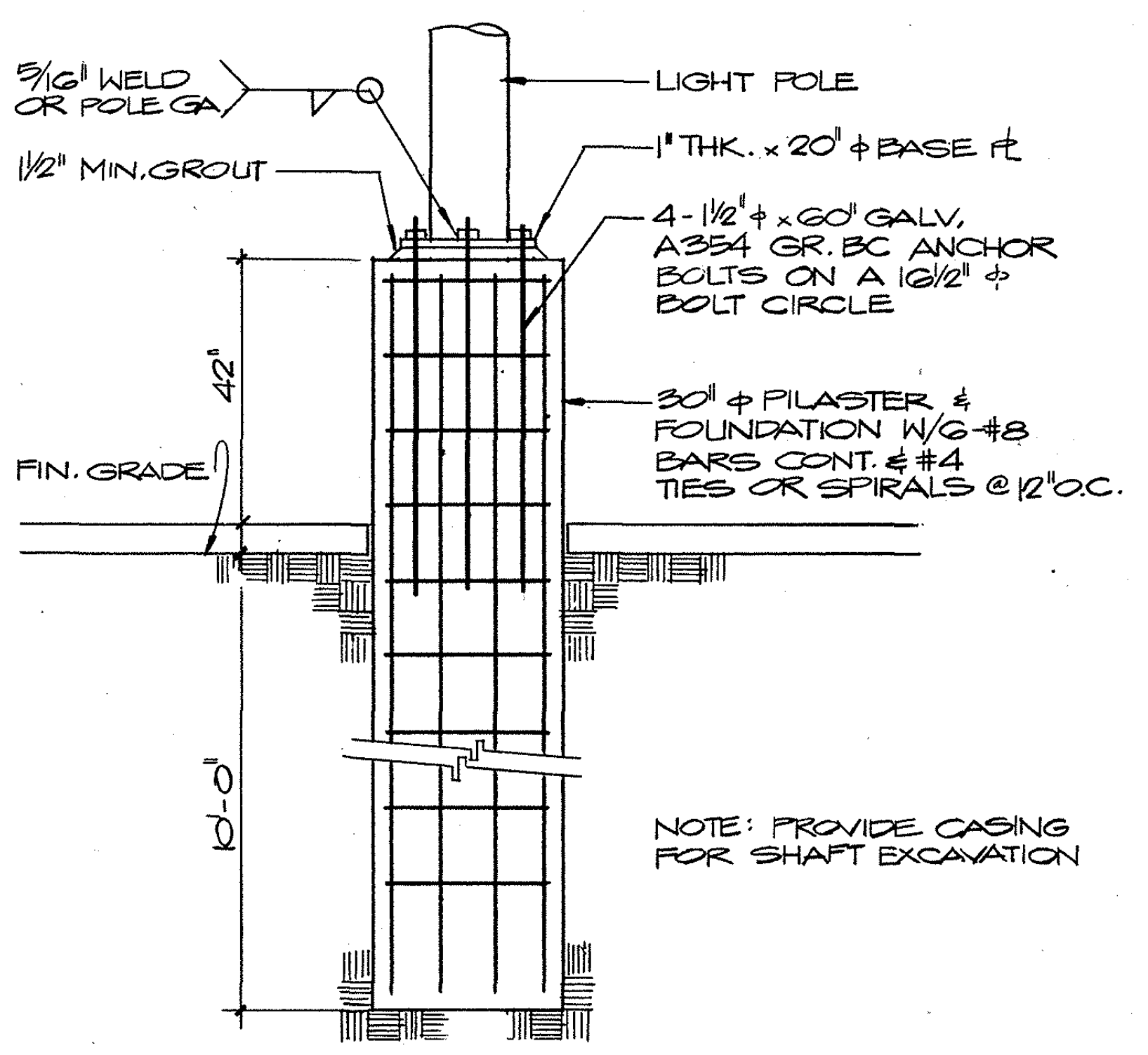
(14)


8" CONC. WALL @ LINE 60 C.N. #260
#4@12"
4'-6" MAX.
#4@12" EA. WAY @ ℄ WALL. @ LINE 60
12"

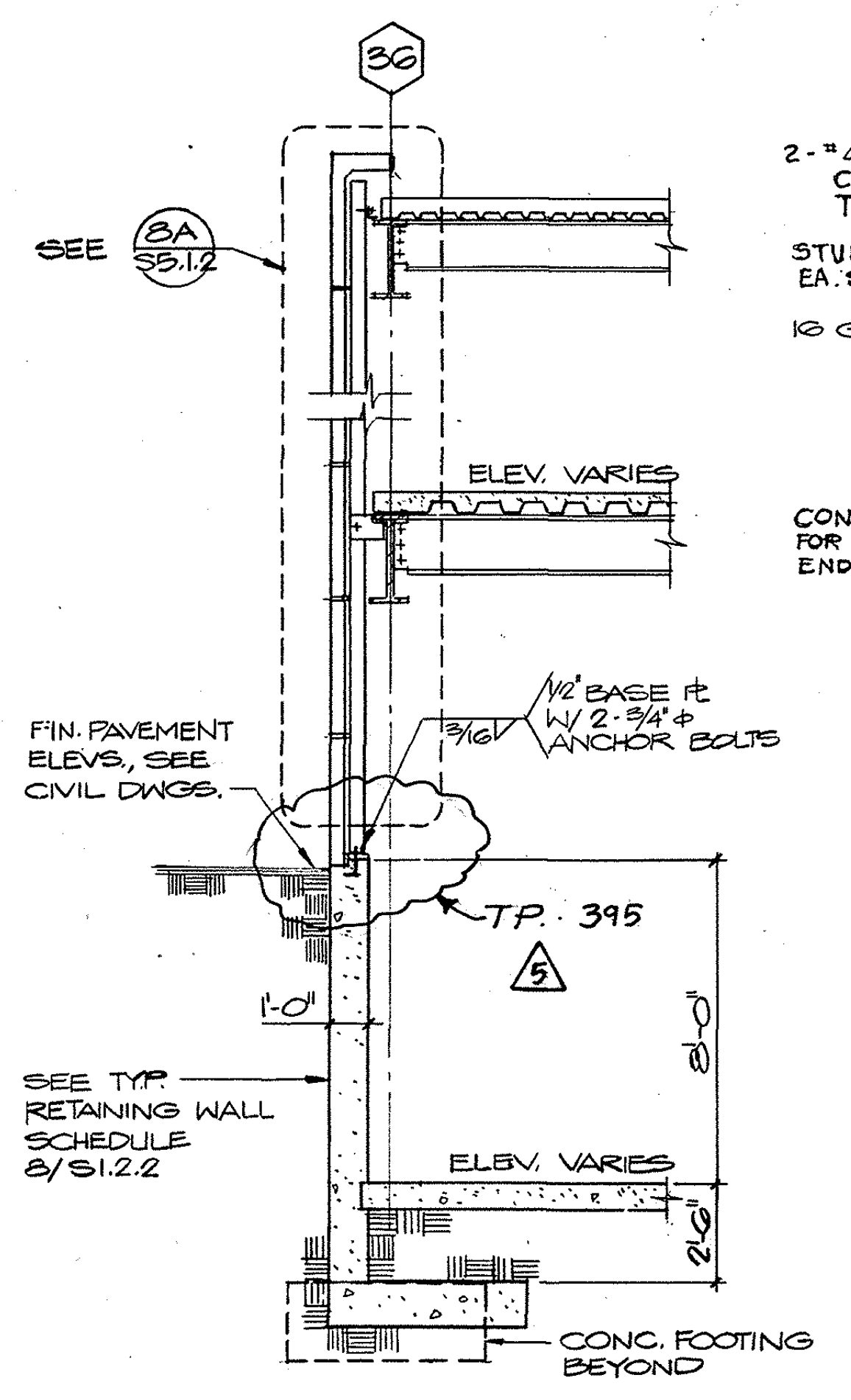
(15)



(17)

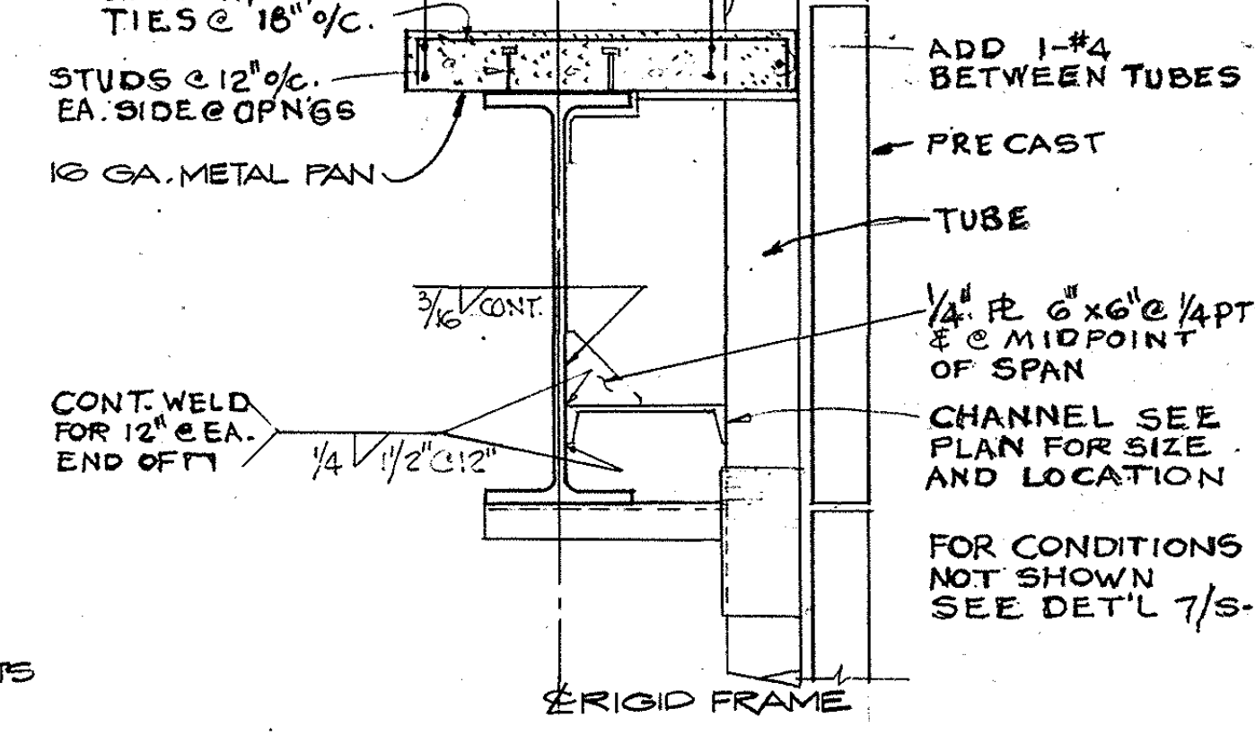

5/16" WELD OR POLE GA.
1 1/2" MIN. GROUT
LIGHT POLE
1" THK. x 20" BASE PL
4-1 1/4"φ x 60" GALV. A354 GR. BC ANCHOR BOLTS ON A 16 1/2"φ BOLT CIRCLE
30"φ PILASTER & FOUNDATION W/6-#8 BARS CONT. & #4 TIES OR SPIRALS @12" O.C.
FIN. GRADE
NOTE: PROVIDE CASING FOR SHAFT EXCAVATION

(18)


56
SEE 6A S5.1.2
ELEV. VARIES
FIN. PAVEMENT ELEVS. SEE CIVIL DWGS.
1/2" BASE PL W/2-3/4"φ ANCHOR BOLTS
T.P. 395
SEE TYP. RETAINING WALL SCHEDULE 8/S1.2.2
ELEV. VARIES
CONC. FOOTING BEYOND

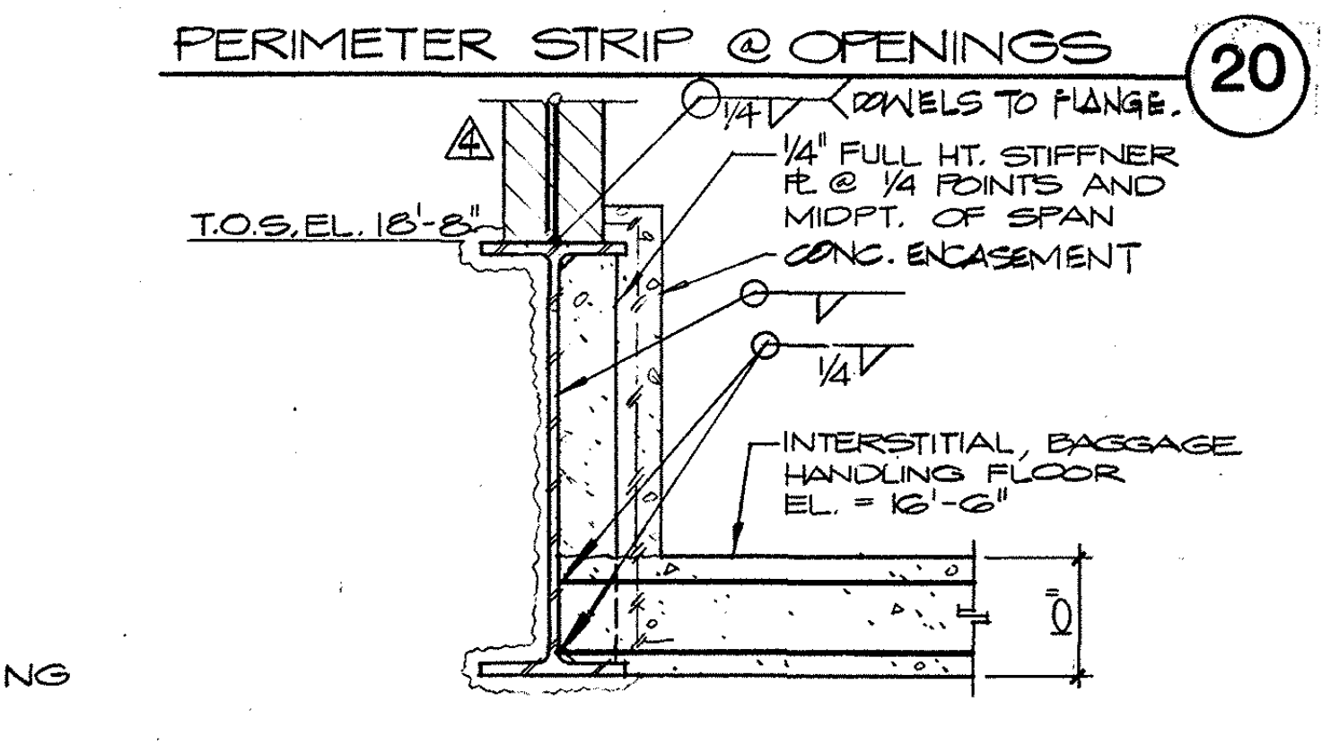
SECTION

(19)


2-#4 @ EA. SIDE CONT. W/#4 TIES @ 18" o/c.
STUDS @ 12" o/c. EA. SIDE @ OPNGS
16 GA. METAL PAN
ADD 1-#4 BETWEEN TUBES
PRECAST
TUBE
1/4" PL 6"x6" @ 1/4 PTS & ℄ MIDPOINT OF SPAN
CHANNEL SEE PLAN FOR SIZE AND LOCATION
CONT. WELD. FOR 12" EA. END OF ┌
FOR CONDITIONS NOT SHOWN SEE DET'L 7/S-5.1.1
RIGID FRAME

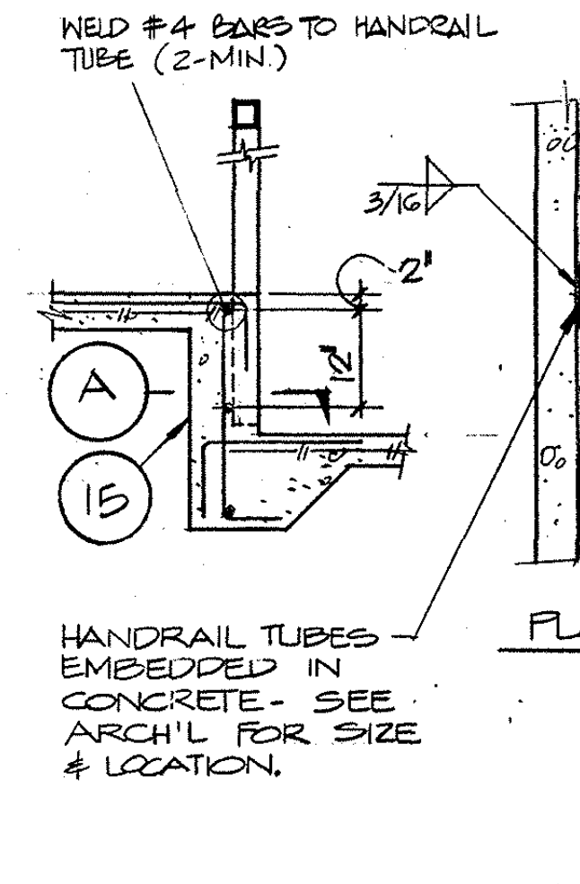
PERIMETER STRIP @ OPENINGS

(20)


CHANNELS TO FLANGES
1/4" FULL HT. STIFFNER PL @ 1/4 POINTS AND MIDPT. OF SPAN
CONC. ENCASEMENT
T.O.S. EL. 18'-6"
INTERSTITIAL BAGGAGE HANDLING FLOOR EL. = 12'-0"

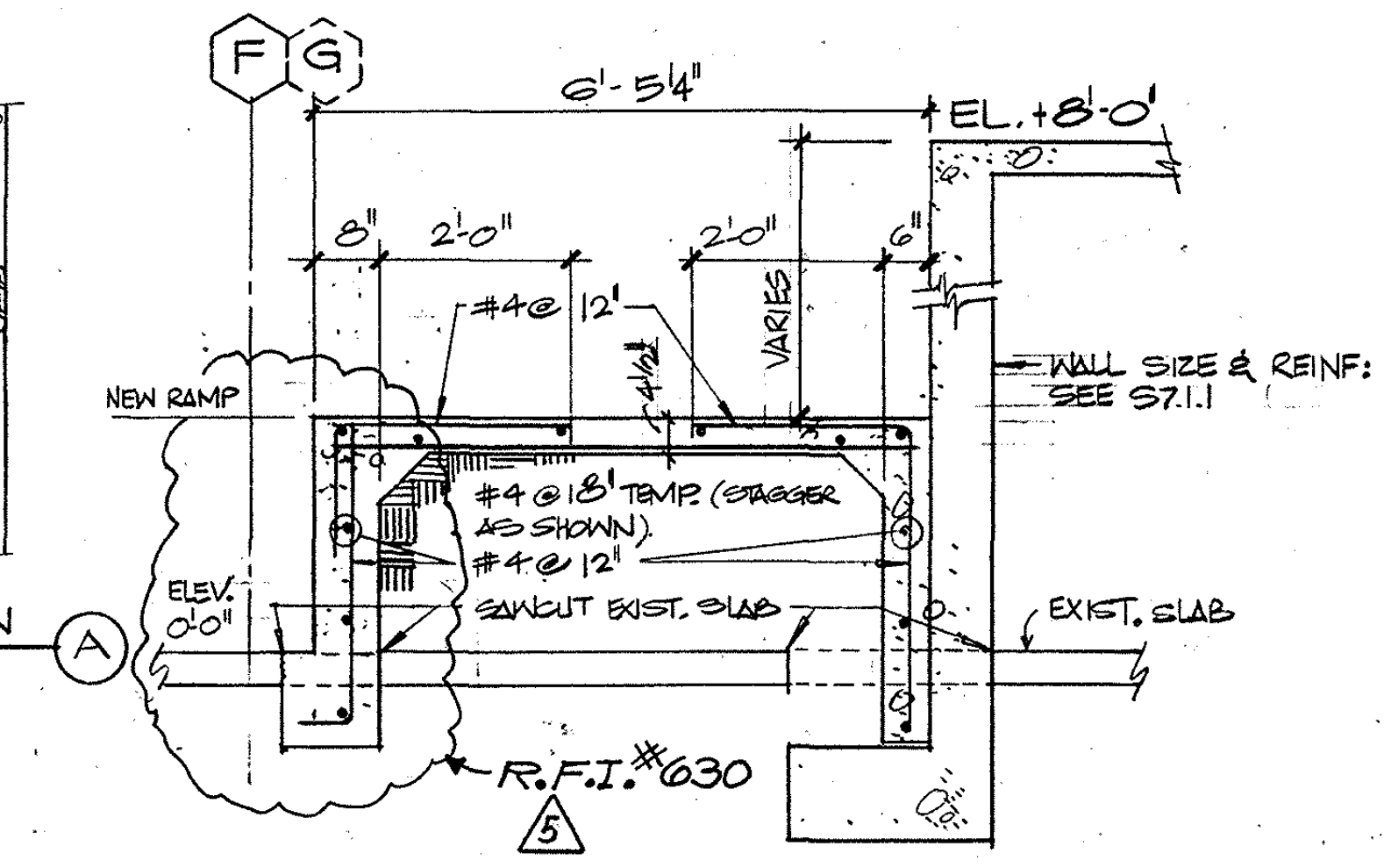
SECTION

(21)


WELD #4 BARS TO HANDRAIL TUBE (2-MIN)
A
15
PLAN
HANDRAIL TUBES EMBEDDED IN CONCRETE - SEE ARCH'L FOR SIZE & LOCATION.

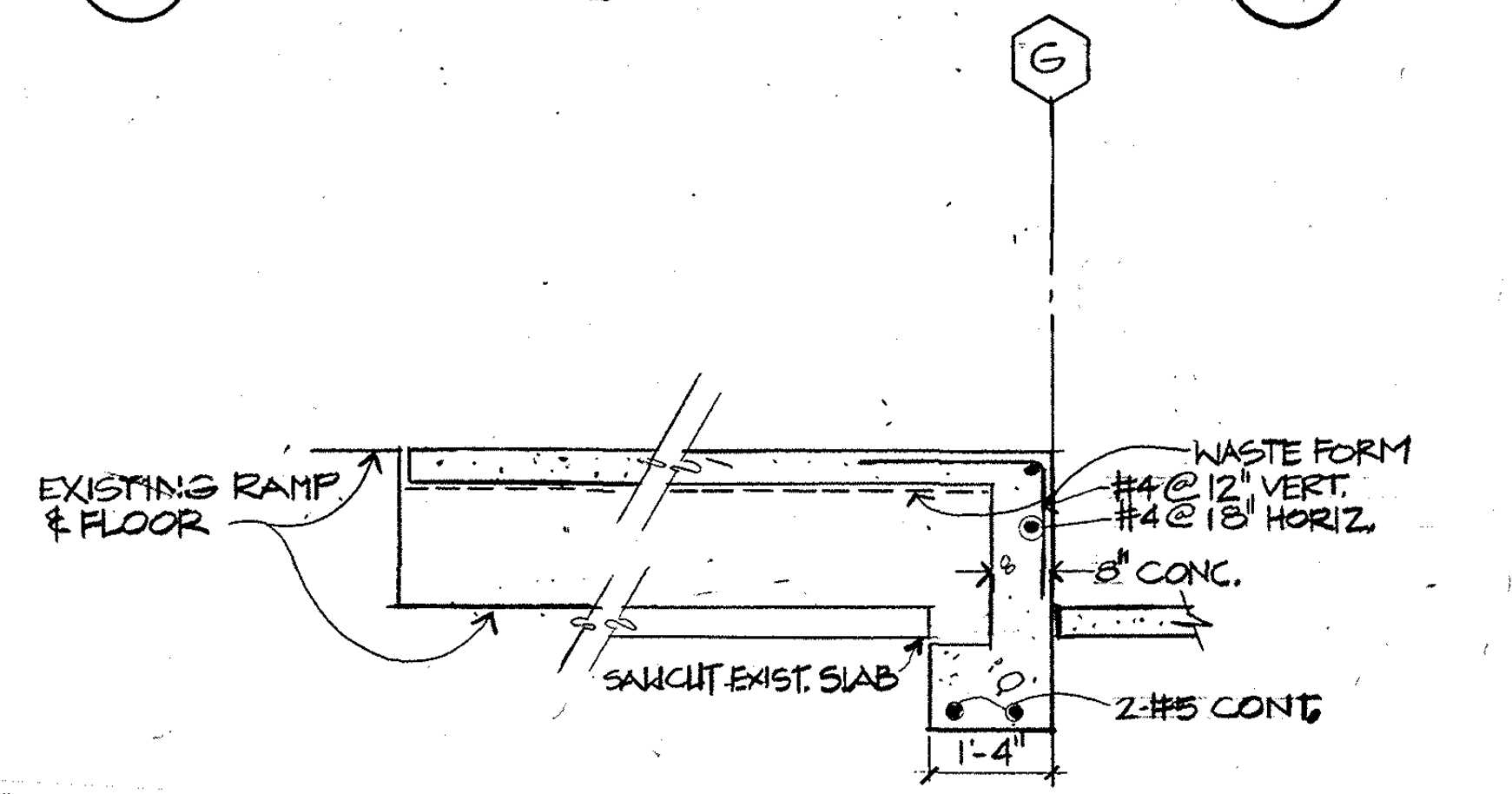
HANDRAIL ANCHORAGE

(22)



SECTION THROUGH RAMP
SCALE: 1/2"=1'-0"

(23)



SECTION THROUGH RAMP

(24)

AS BUILT	5 9-84 E.F. R.F.I.#628, 630, 410. C.N.#260.	4 11-1-82 F.I.S. REVISIONS	1 6-1-82 BLDG. DEPT. CORRECTIONS	B 3-1982 ADDENDUM B	F
		3 6-1-82 GENERAL COORDINATION	2 3-31-82 ADDENDUM C		

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

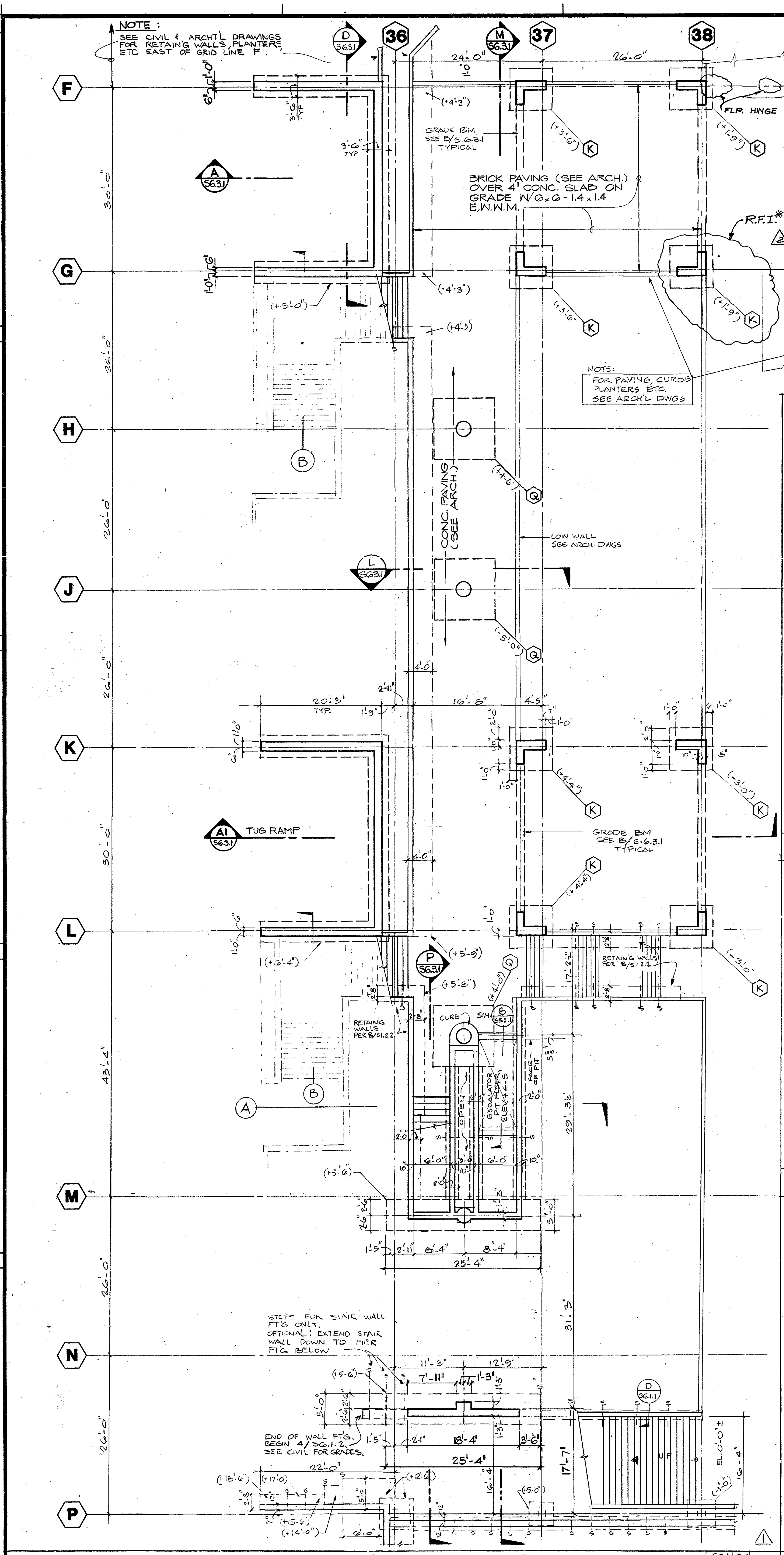
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title MISC. SECTIONS & DETAILS
Department of Airports Drawing No. 82001-600

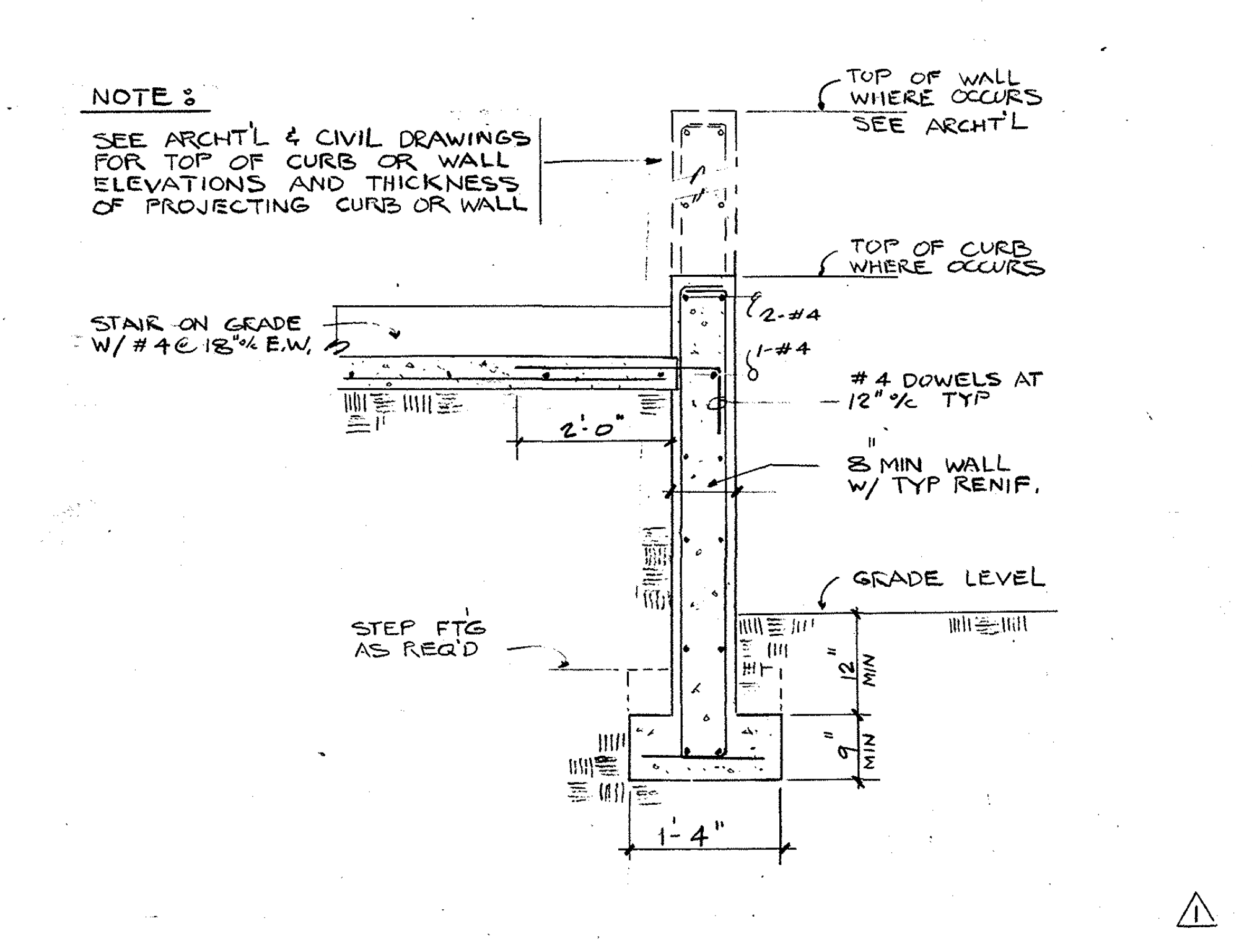
Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. **S5.2.3**
Sheet of Sheets


NOTE :
SEE CIVIL & ARCHT'L DRAWINGS FOR RETAIN'G WALLS, PLANTERS ETC EAST OF GRID LINE F.
36
37
38
39
F
G
H
J
K
L
M
N
P
D S6.3.1
M S6.3.1
A S6.3.1
L S6.3.1
P S6.3.1
A1 S6.3.1 TUG RAMP
24'-0"
26'-0"
30'-0"
26'-0"
3'-6" TYP
GRADE BM SEE B/S-6.3.1 TYPICAL
BRICK PAVING (SEE ARCH.) OVER 4" CONC. SLAB ON GRADE W/6x6-1.4x1.4 E.W.W.M.
FLR. HINGE BLOCKOUT
R.F.I.* 754
NOTE: FOR PAVING, CURBS PLANTERS ETC. SEE ARCH'L DWGS
CONC. PAVING (SEE ARCH.)
LOW WALL SEE ARCH. DWGS
RETAIN'G WALLS PER 8/S1.2.2
CURB
SIM. 8 S5.2.1
ESCALATOR PIT FLOOR ELEV. +4'-5"
OPEN
FACE OF PIT
STEPS FOR STAIR WALL FT'G ONLY. OPTIONAL: EXTEND STAIR WALL DOWN TO PIER FTG BELOW
END OF WALL FTG. BEGIN 4/S6.1.2. SEE CIVIL FOR GRADES.
25'-4"
29'-3½"
31'-3"
17'-7"
EL 0'-0"±
UP
D S6.1.1
A
B
K
Q

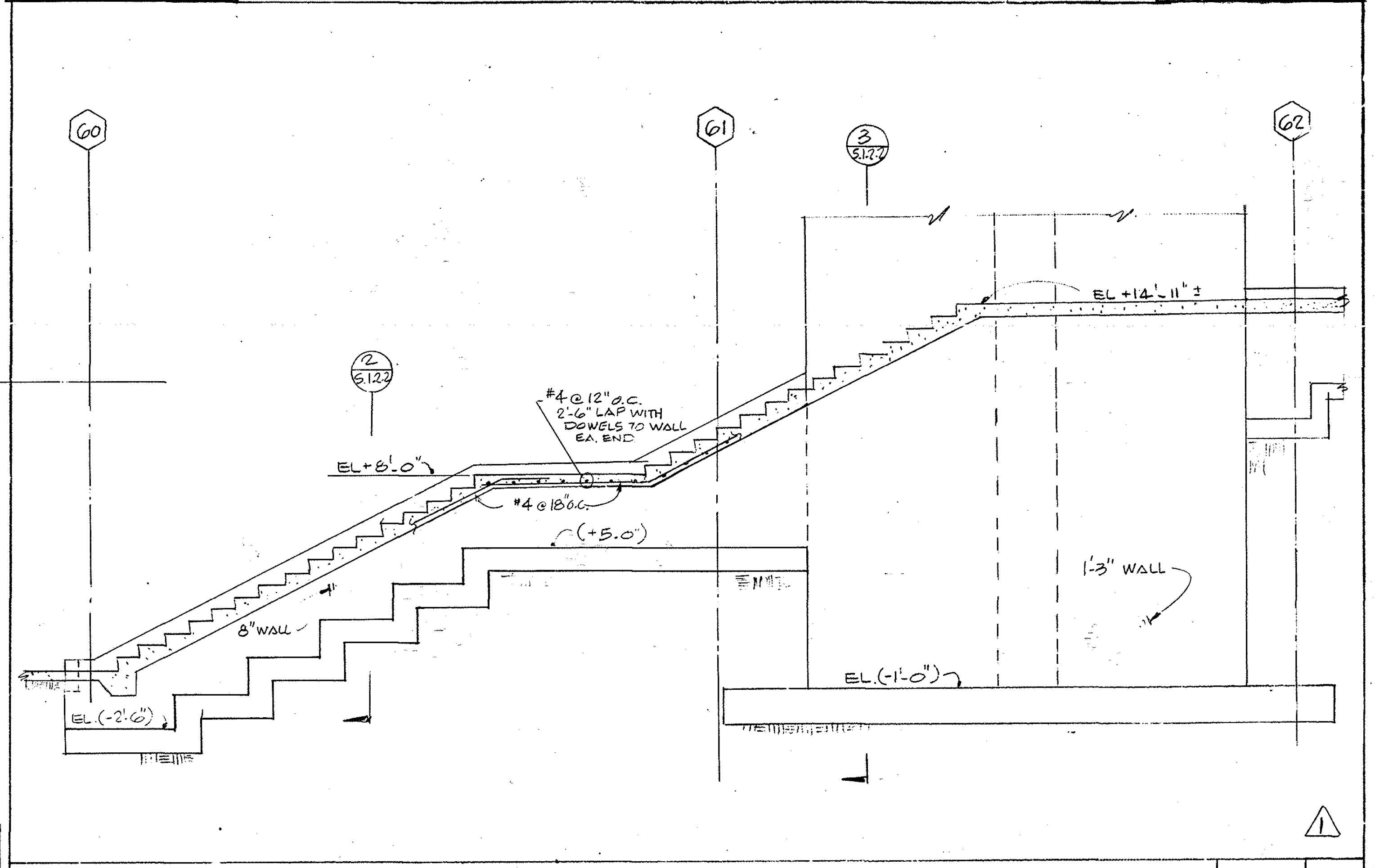
FOUNDATION PLAN

SCALE: 1/8"=1'-0" 2


NOTE :
SEE ARCHT'L & CIVIL DRAWINGS FOR TOP OF CURB OR WALL ELEVATIONS AND THICKNESS OF PROJECTING CURB OR WALL
TOP OF WALL WHERE OCCURS SEE ARCHT'L
TOP OF CURB WHERE OCCURS
STAIR ON GRADE W/ #4@18"o/c E.W.
2-#4
1-#4
#4 DOWELS AT 12" o/c TYP
8" MIN WALL W/ TYP RENIF.
2'-0"
GRADE LEVEL
STEP FTG AS REQ'D
12" MIN
9" MIN
1'-4"

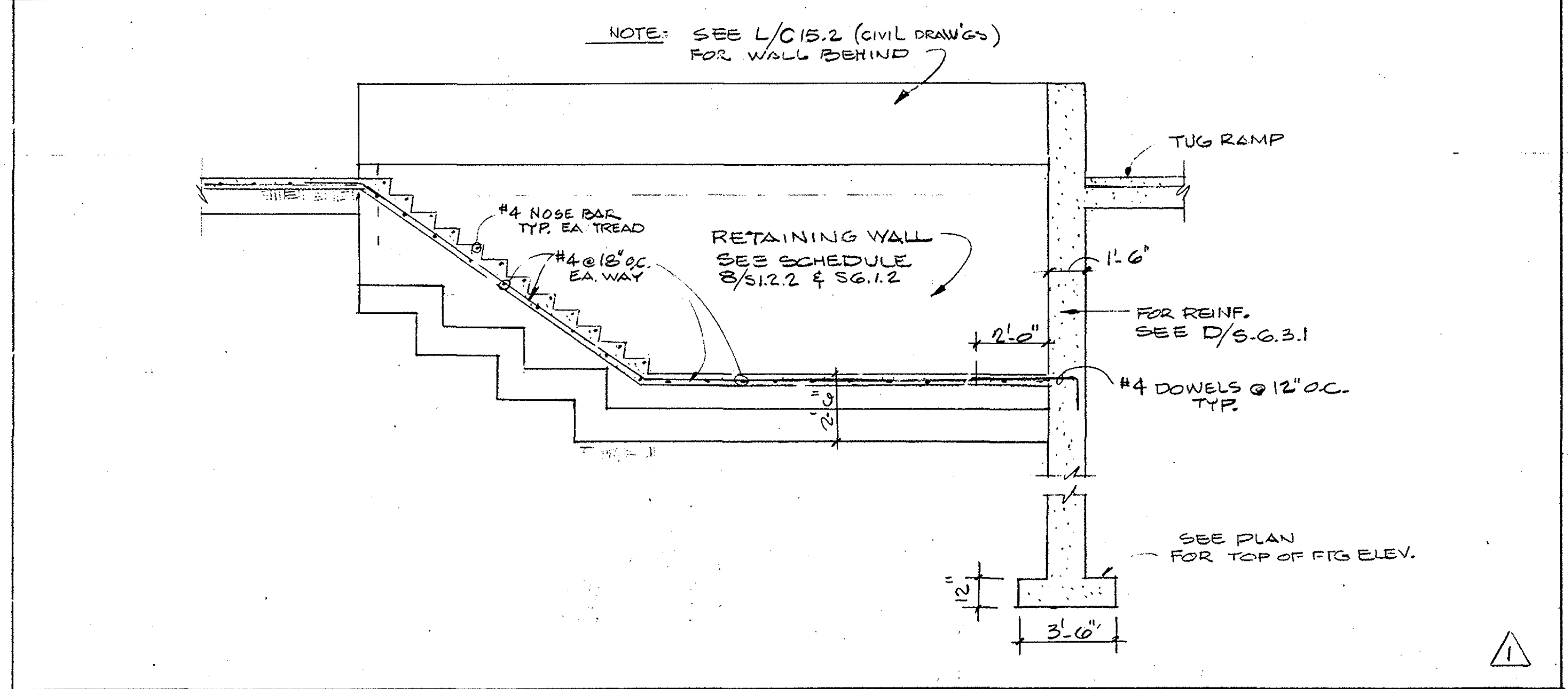
STAIR WALL SECTION

3/4"=1'-0" D



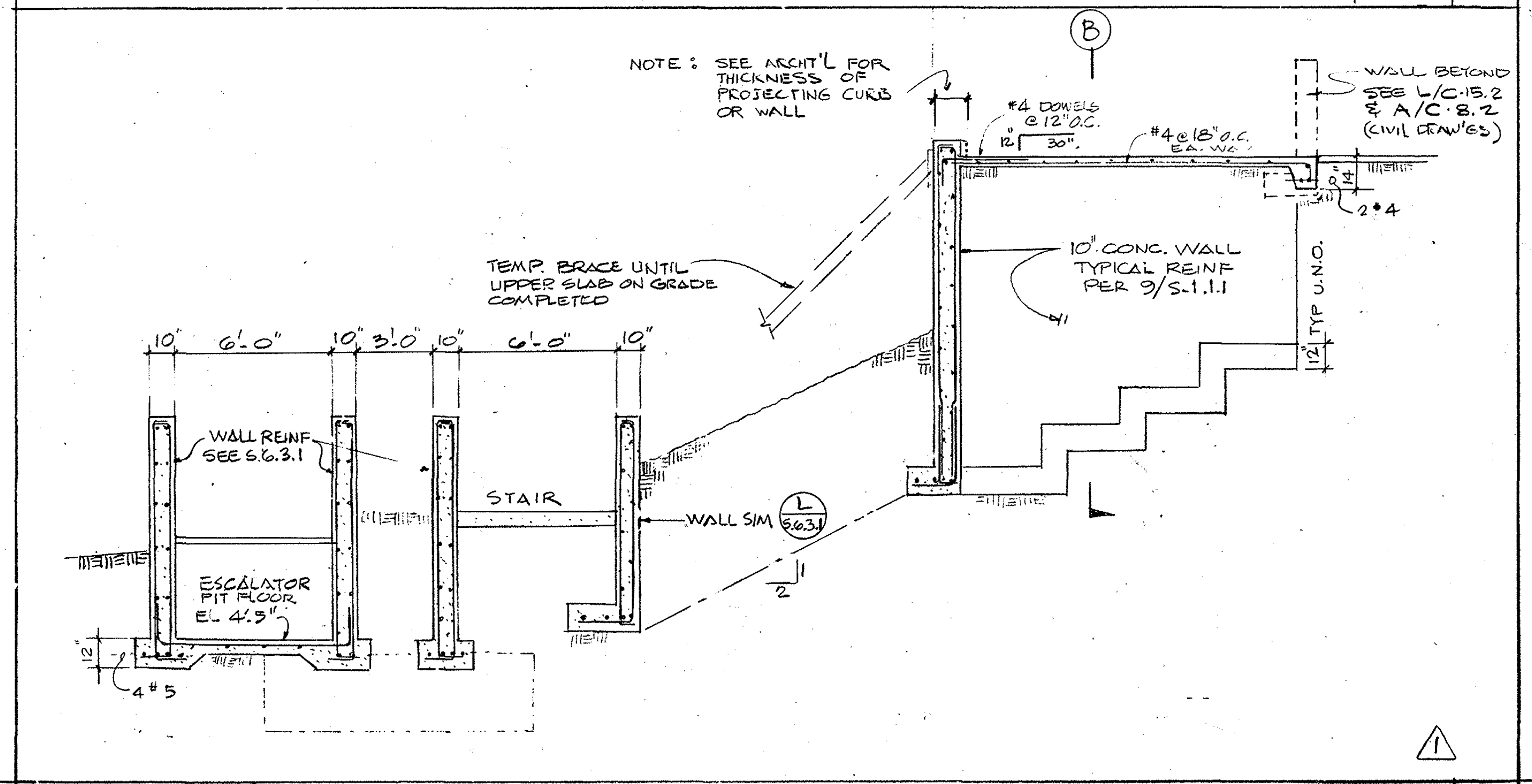
SECTION

SCALE: 1/4"=1'-0" C


NOTE: SEE L/C15.2 (CIVIL DRAW'GS) FOR WALL BEHIND
TUG RAMP
#4 NOSE BAR TYP. EA. TREAD
#4@18" o.c. EA. WAY
RETAINING WALL SEE SCHEDULE 8/S1.2.2 & S6.1.2
1'-6"
2'-0"
FOR REINF. SEE D/S-6.3.1
#4 DOWELS @12" o.c. TYP.
SEE PLAN FOR TOP OF FTG ELEV.
12"
3'-6"

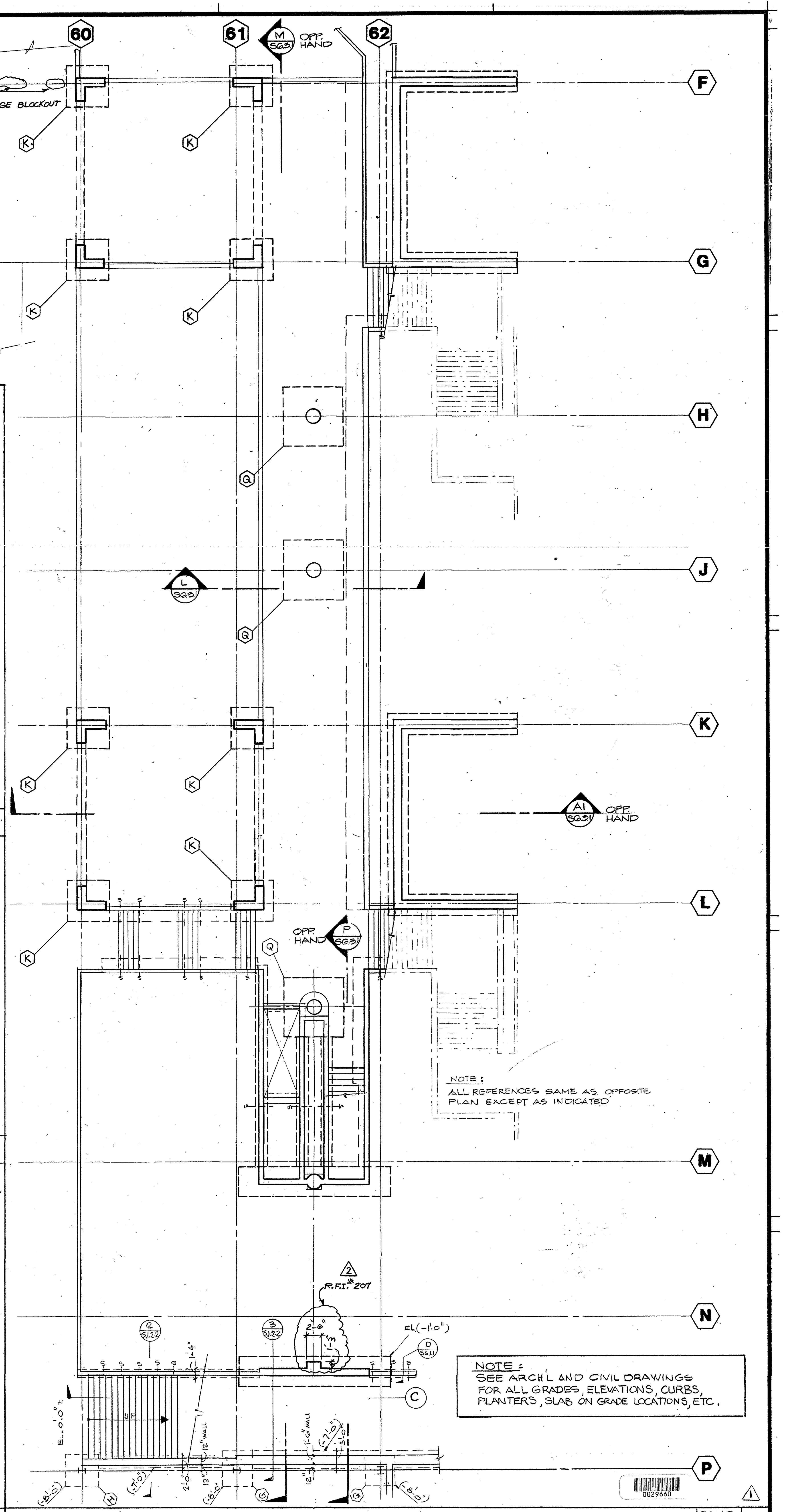
SECTION

SCALE: 1/4"=1'-0" B


NOTE : SEE ARCHT'L FOR THICKNESS OF PROJECTING CURB OR WALL
B
#4 DOWELS @12"o.c.
#4@18"o.c. EA. WAY
WALL BEYOND SEE L/C-15.2 & A/C-8.2 (CIVIL DRAW'GS)
2#4
TEMP. BRACE UNTIL UPPER SLAB ON GRADE COMPLETED
10" CONC. WALL TYPICAL REINF PER 9/S-1.1.1
12" TYP U.N.O.
10" 6'-0" 10" 3'-0" 10" 6'-0" 10"
WALL REINF SEE S.6.3.1
STAIR
WALL SIM L S6.3.1
ESCALATOR PIT FLOOR EL 4'-5"
4#5

SECTION

SCALE 1/4"=1'-0" A



NOTE :
SEE ARCH'L AND CIVIL DRAWINGS FOR ALL GRADES, ELEVATIONS, CURBS, PLANTERS, SLAB ON GRADE LOCATIONS, ETC.

FOUNDATION PLAN

SCALE: 1/8"=1'-0" 1

AS BUILT

△2	9.84	E.F	R.F.I.* 207, 754.
△1	1-7-83		ARCHT'L & ESCALATOR REVISIONS/COORDINATION
△D	4-6-82		ADDENDUM D

F

Walter F. Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

George E. Brandow

Architect of Record WLP
Project Architect REM
Date FEB. 3, 1982
Engineer
Date

Pereira Dworsky Sinclair Williams

5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

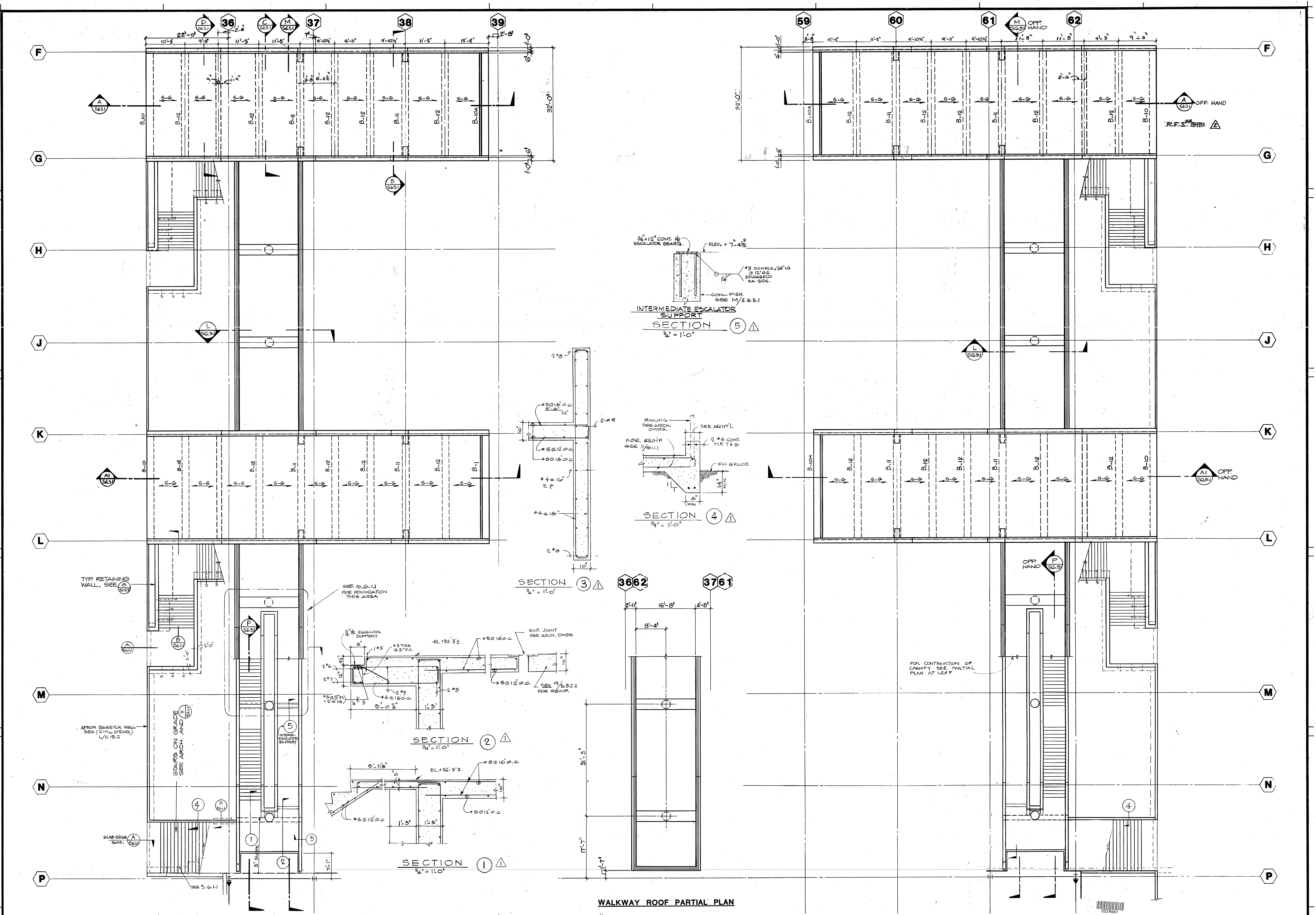
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

Project WEST TERMINAL AND AIRCRAFT APRON
Drawing Title DOMESTIC DEPLANING WALKWAY & TUG RAMP BRIDGE FOUNDATION PLAN
Department of Airports Drawing No. 82001-600

Designed By TBC
Drawn By TBC
Chief Architect JDW,BAS
PDSW Project No. 79000

Drawing No. S6.1.1
Sheet of Sheets



F
G
H
J
K
L
M
N
P
36
37
38
39
59
60
61
62
S-6
B-10
B-10A
B-11
B-12
INTERMEDIATE ESCALATOR SUPPORT
SECTION 5
3/4" = 1'-0"
SECTION 4
3/4" = 1'-0"
SECTION 3
3/4" = 1'-0"
SECTION 2
3/4" = 1'-0"
SECTION 1
3/4" = 1'-0"
TYP RETAINING WALL, SEE B/S6.3.1
SEE S.6.1.1 FOR FOUNDATION THIS AREA
APRON BARRIER WALL SEE (CIVIL DRWGS) L/C15.2
STAIRS ON GRADE SEE ARCH. AND 11/S11.1
SLAB EDGE SIM.
FOR CONTINUATION OF CANOPY SEE PARTIAL PLAN AT LEFT
OPP. HAND
R.F.I. 893

WALKWAY ROOF PARTIAL PLAN

AS BUILT

2	9-84	E.F	R.F.I.# 893
1	1-7-83		ARCH'L & ESCALATOR REVISIONS/COORDINATION
A	4-6-82		ADDENDUM D

F

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
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Architect of Record WLP
Project Architect REM
Date FEB. 3,1982
Engineer
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LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

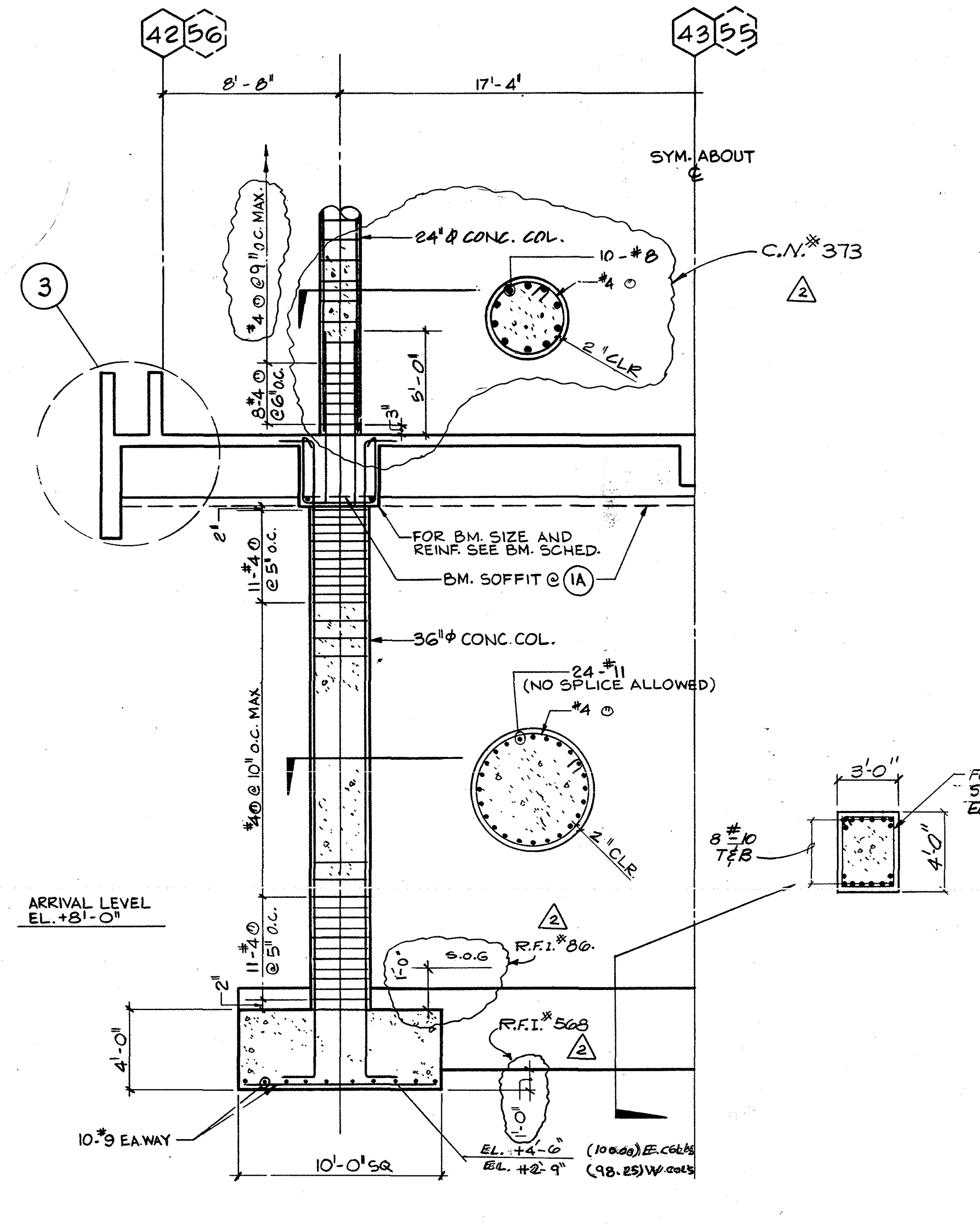
City of Los Angeles Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

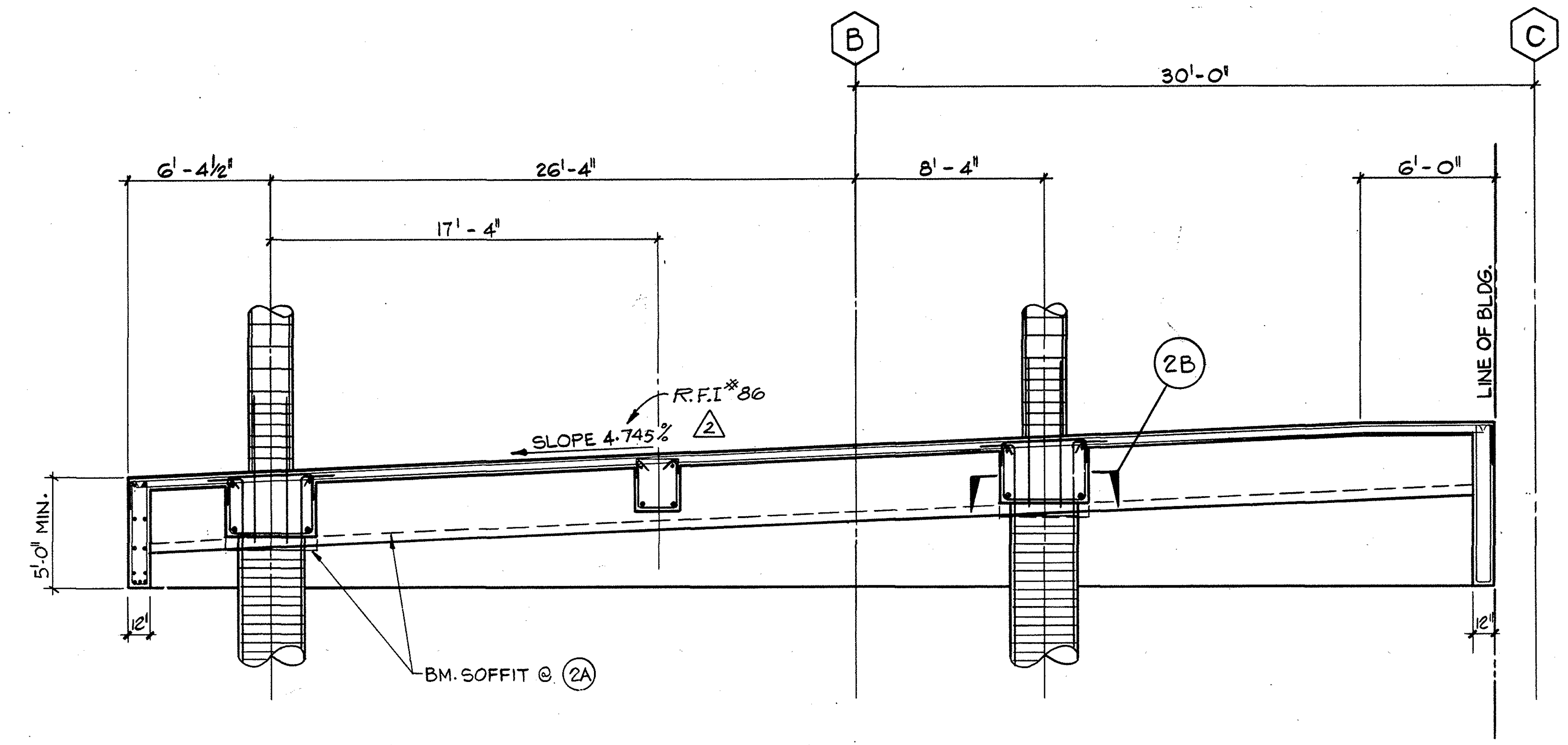
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: DOMESTIC DEPLANING WALKWAY ROOF & TUG RAMP BRIDGE FRAMING PLAN
Department of Airports Drawing No. 82001-600

Designed By TBC
Drawn By TBC
Chief Architect JDW,BAS
PDSW Project No. 79000

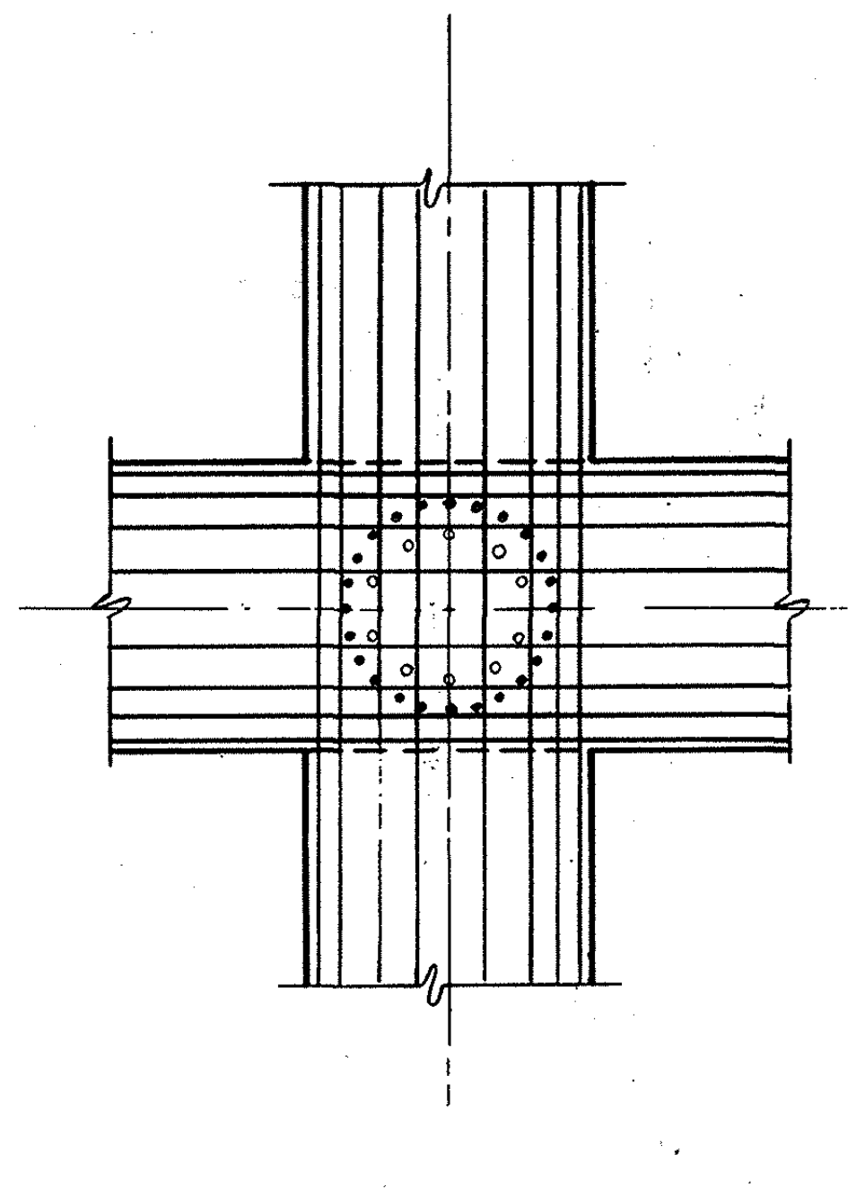
Drawing No. S6.1.2
Sheet of Sheets



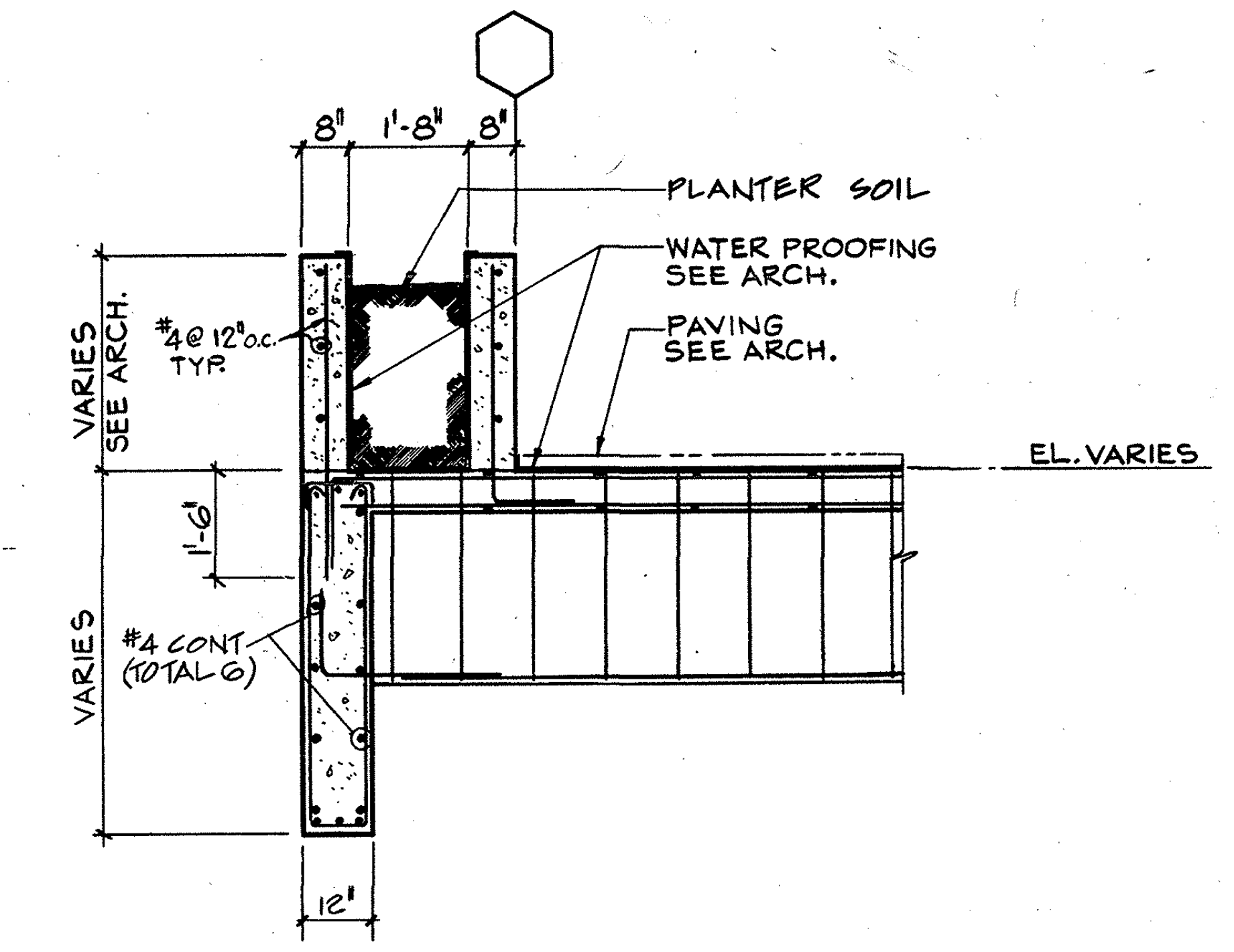
SECTION
SCALE: 1/4" 1'-0"
1A 1



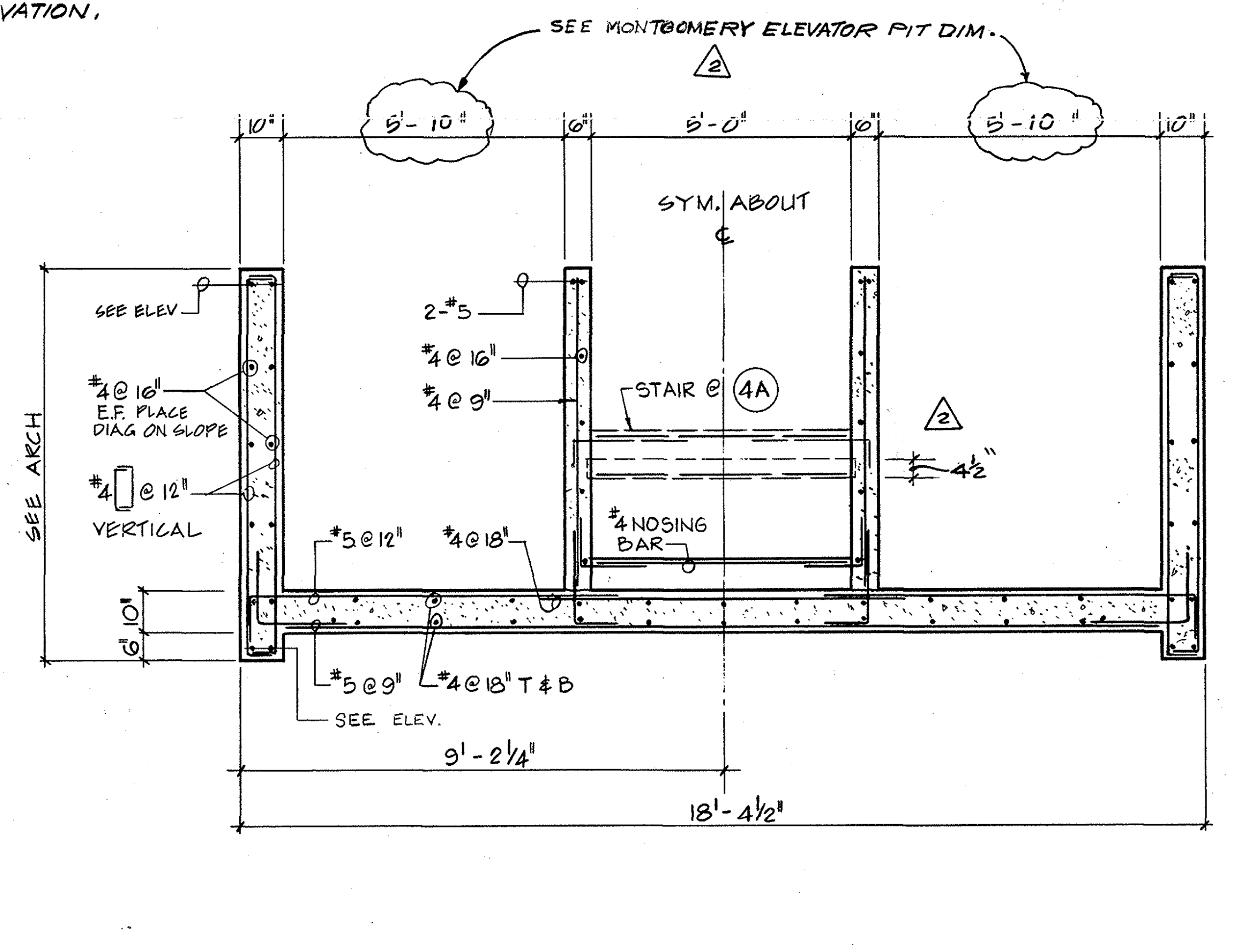
SECTION
SCALE: 1/4" 1'-0"
2A 2



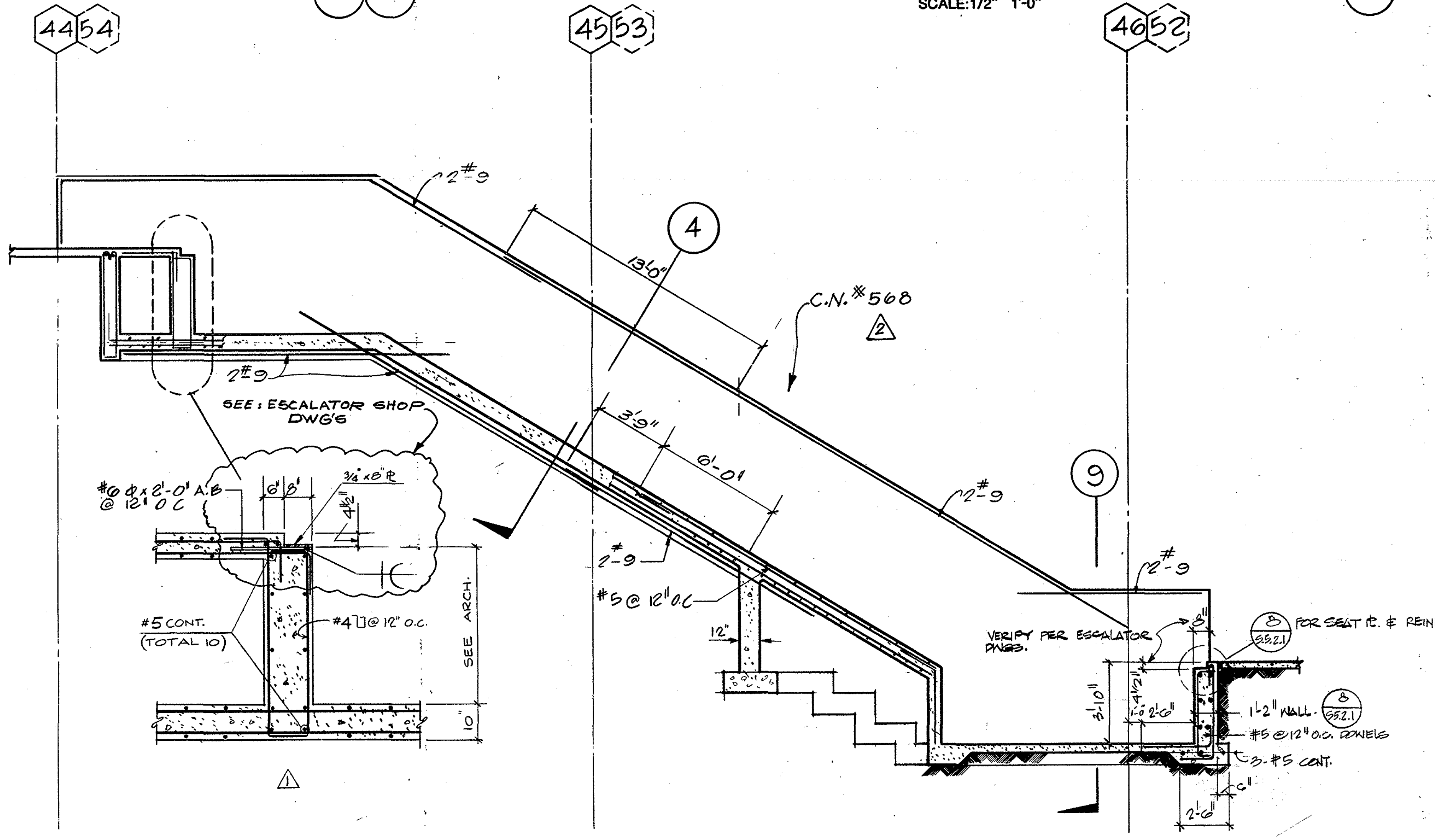
DETAIL
SCALE: 3/8" -1'-0"
2B



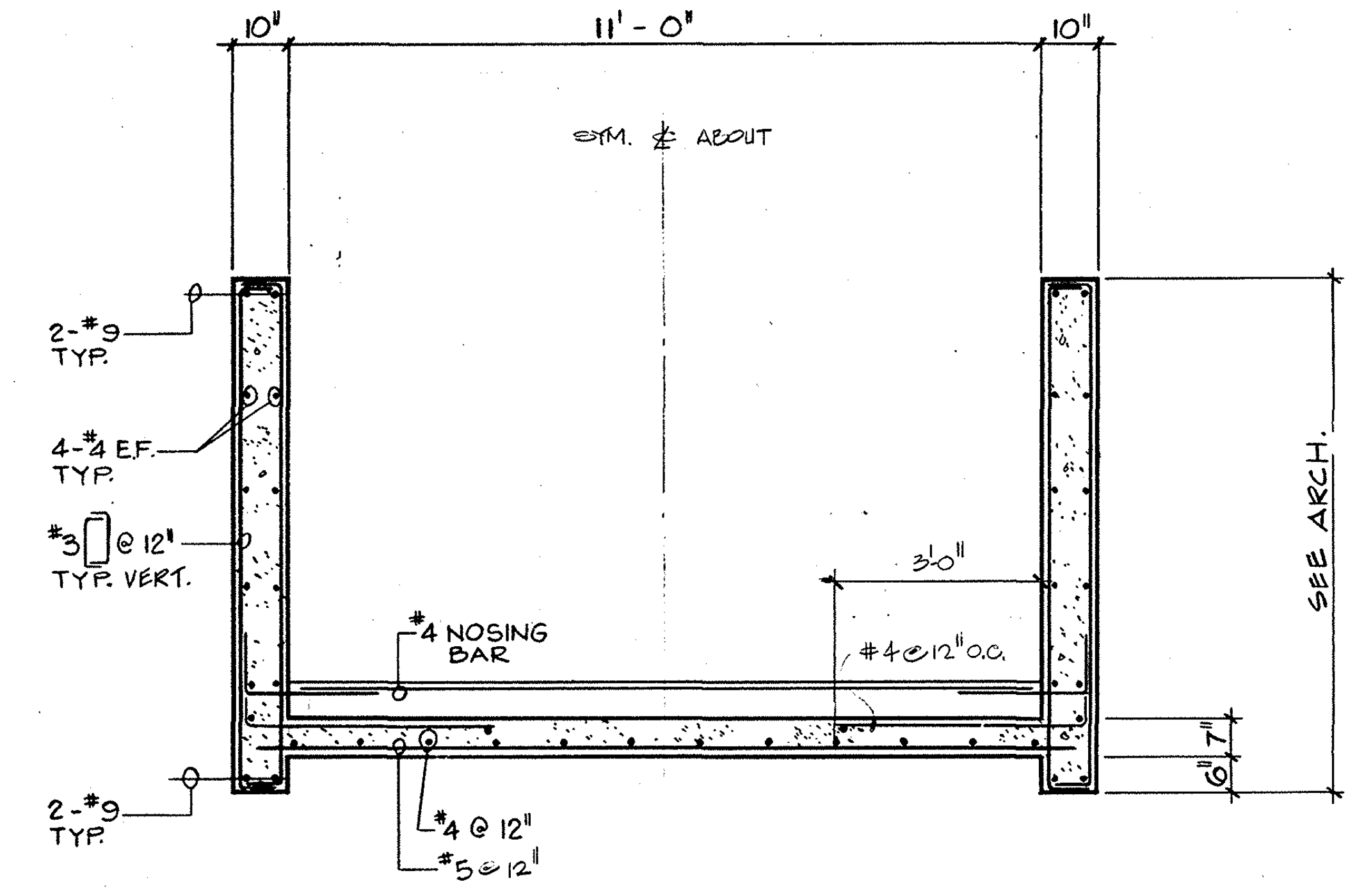
DETAIL
SCALE: 1/2" 1'-0"
3



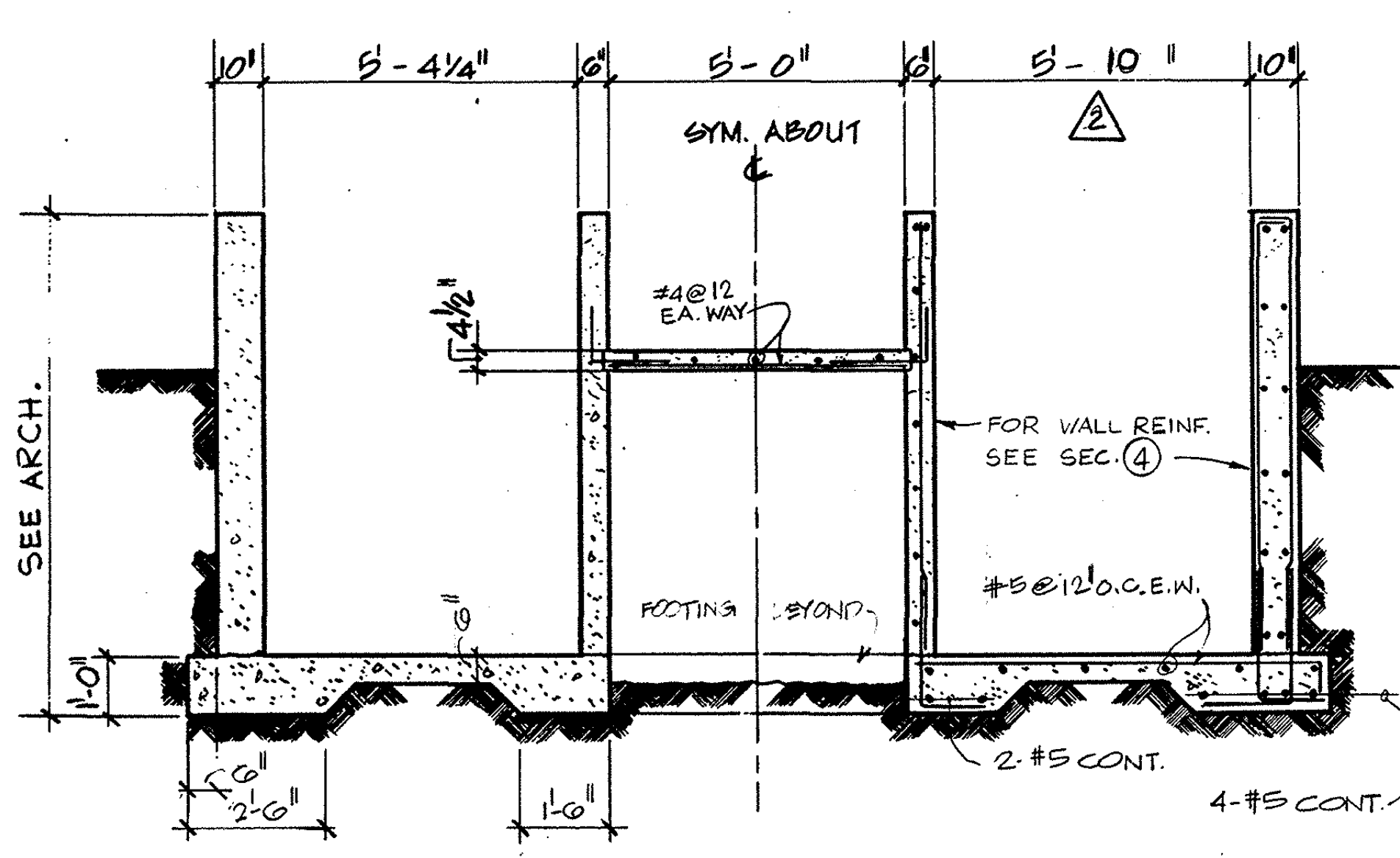
SECTION
SCALE: 1/2" 1'-0"
4A 4



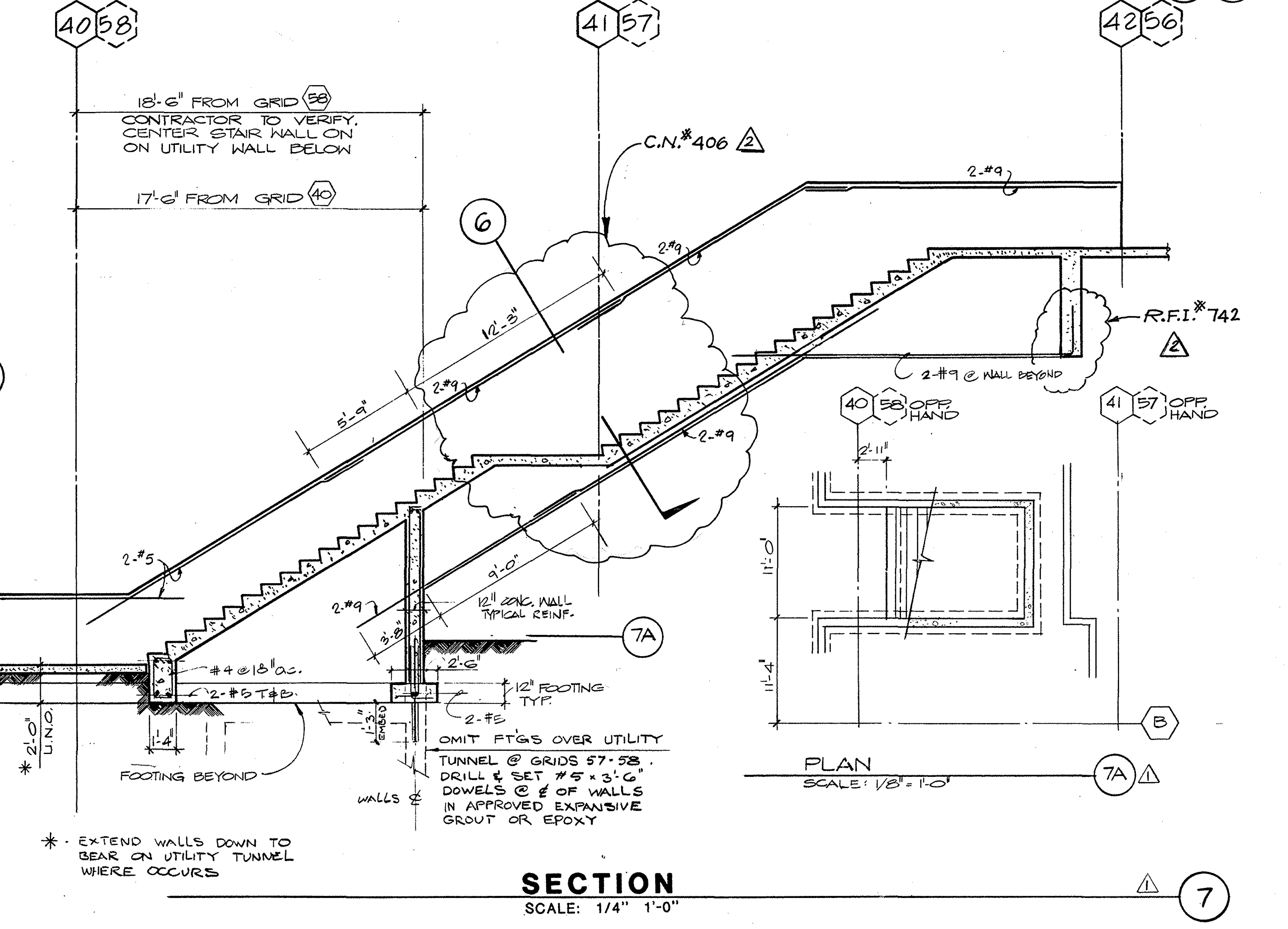
SECTION
SCALE: 1/4" 1'-0"
5



SECTION
SCALE: 1/2" 1'-0"
6

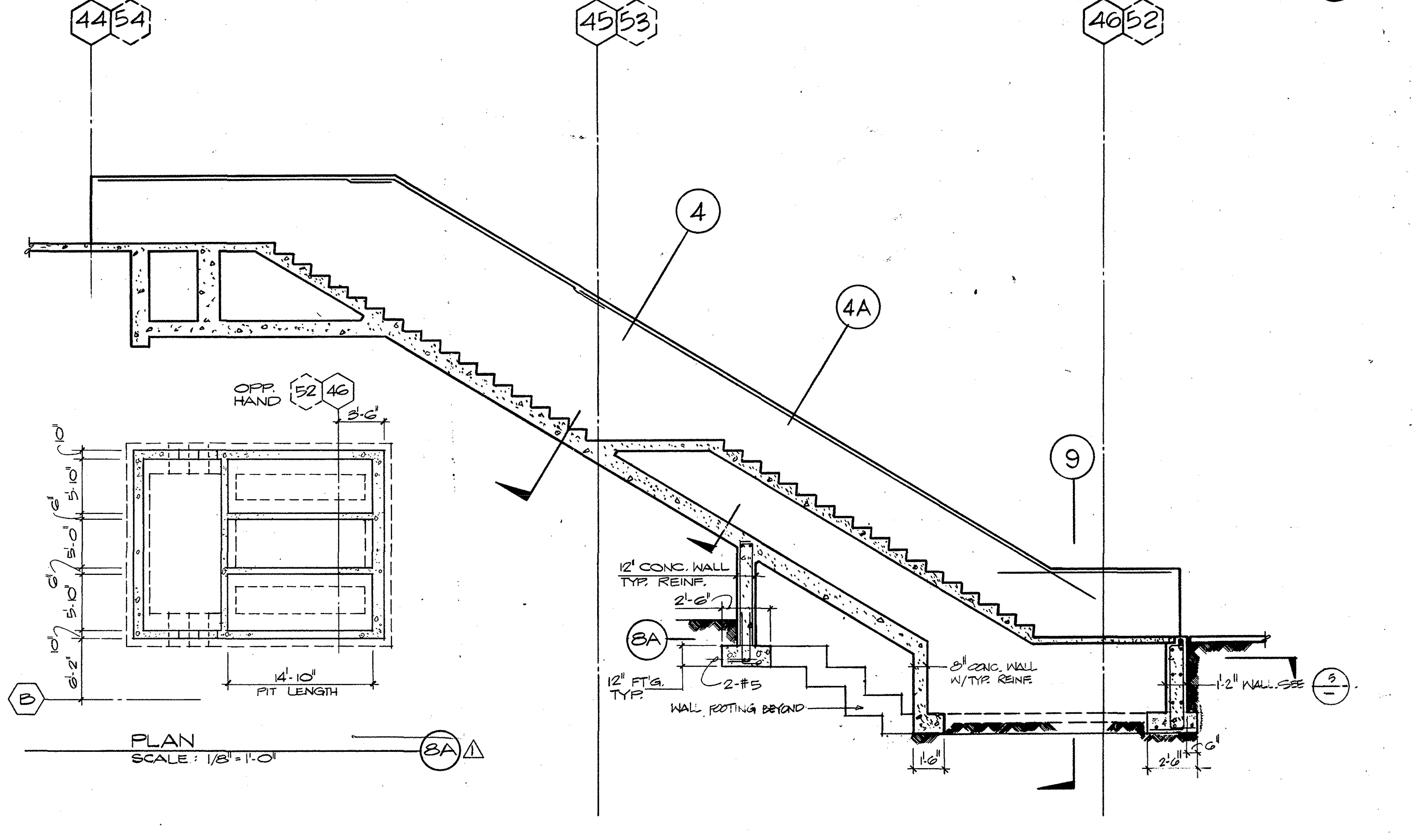


SECTION
SCALE 3/8" -1'-0"
9


40 58
41 57
42 56
18'-6" FROM GRID 58 CONTRACTOR TO VERIFY. CENTER STAIR WALL ON UTILITY WALL BELOW
17'-6" FROM GRID 40
C.N.# 406
6
R.F.I.# 742
2-#9 @ WALL BEYOND
40 58 OPP HAND
41 57 OPP HAND
12" CONC. WALL TYPICAL REINF.
7A
#4 @ 18" O.C.
2-#5 T&B
12" FOOTING TYP.
FOOTING BEYOND
OMIT FTG'S OVER UTILITY TUNNEL @ GRIDS 57-58. DRILL & SET #5 x 3'-6" DOWELS @ ℄ OF WALLS IN APPROVED EXPANSIVE GROUT OR EPOXY
WALLS ℄
PLAN
SCALE: 1/8" - 1'-0"
7A
B

* EXTEND WALLS DOWN TO BEAR ON UTILITY TUNNEL WHERE OCCURS

SECTION
SCALE: 1/4" 1'-0"
7



SECTION
SCALE: 1/4" 1'-0"
8

0029662

AS BUILT		
2 9-84 E.F.	R.F.I.#5,36,86,568,646,742. C.N.#406,373,568.	
1 10/15/82	GEN. CLARIFICATION / COORDINATION	F

FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

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A JOINT VENTURE

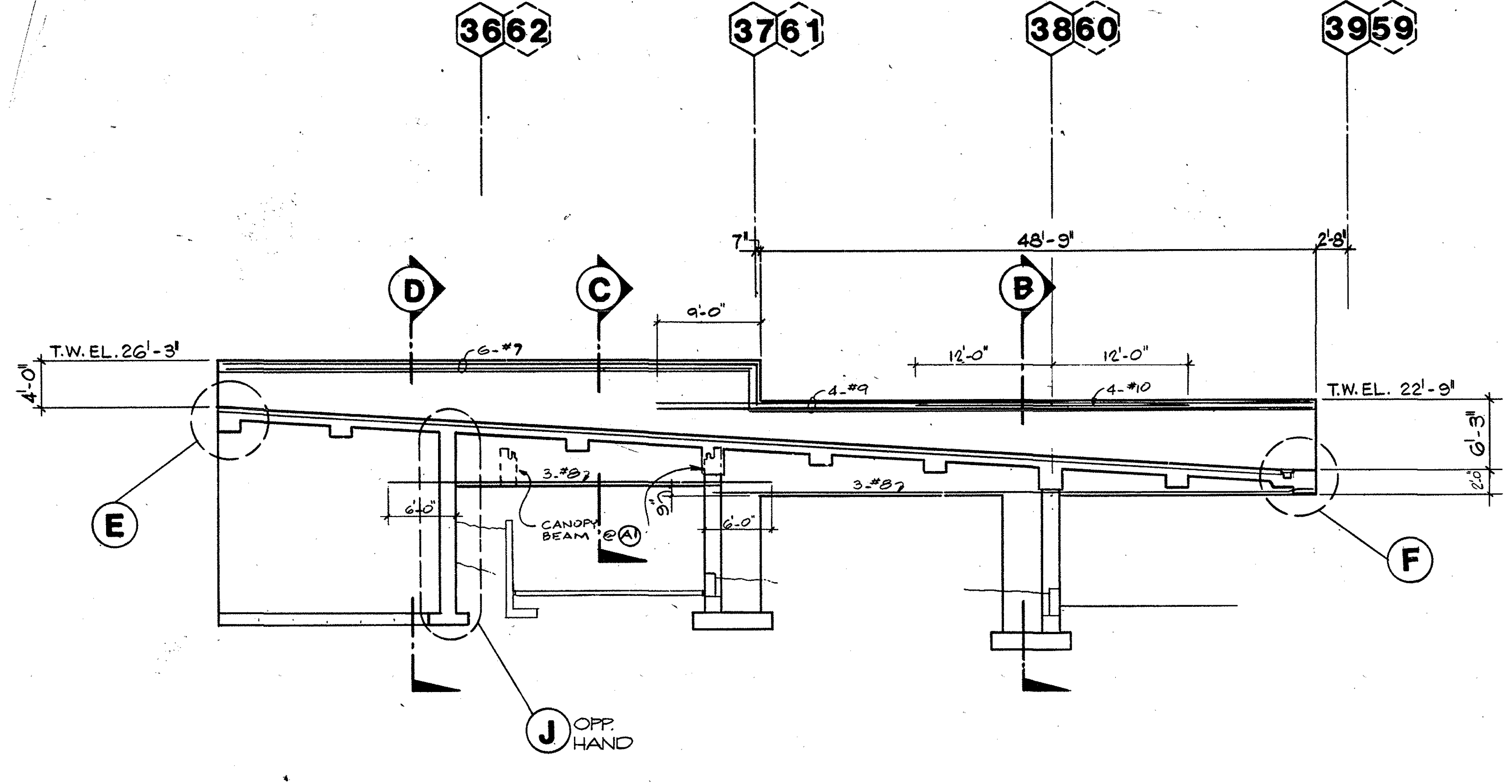
City of Los Angeles
Department of Airports
Date FEB 3, 1982

West Terminal
Los Angeles International Airport

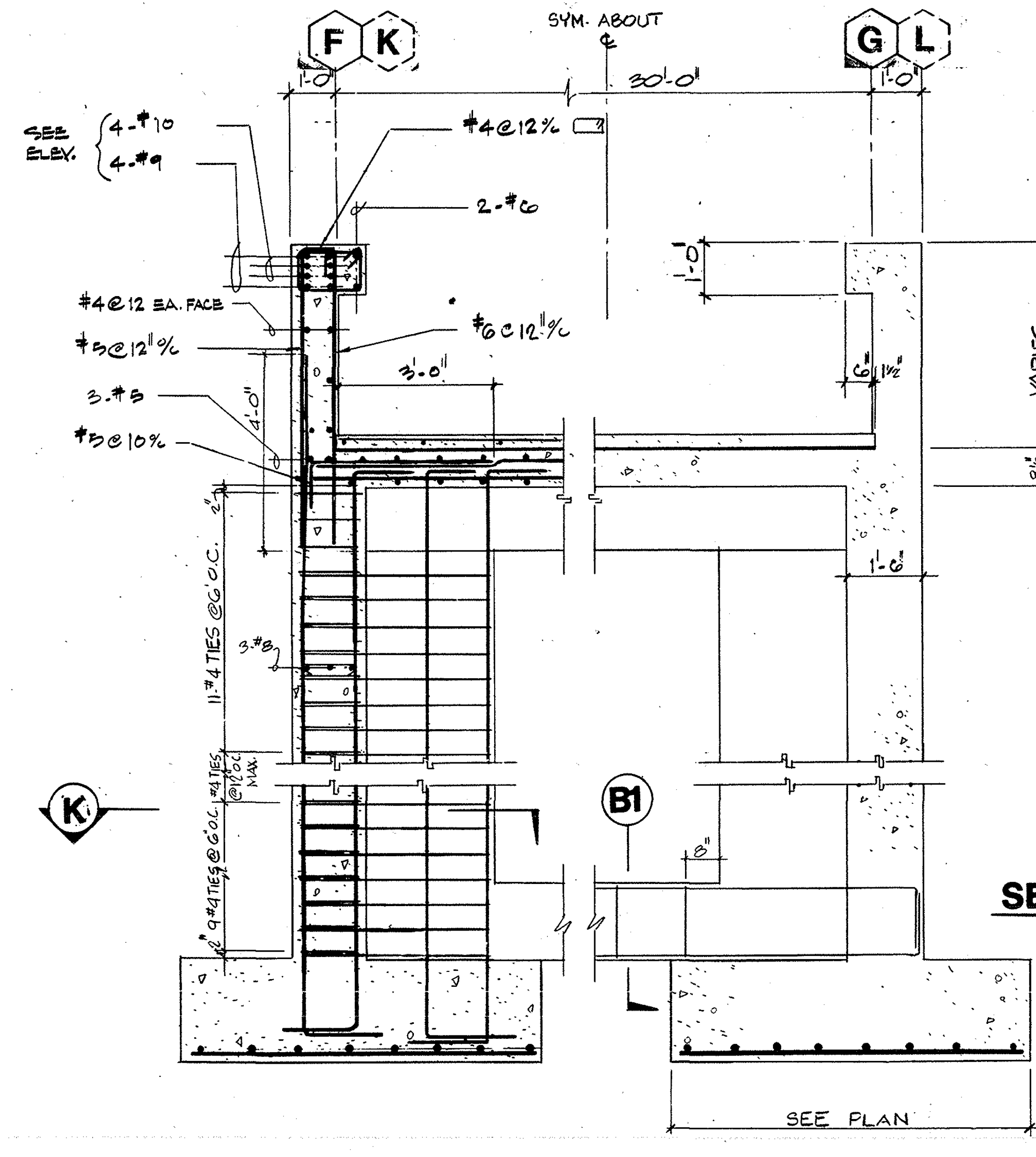
Project: WEST TERMINAL AND AIRCRAFT APRON
Drawing Title: ENTRANCE CANOPY,BRIDGE,STAIRS & ESCALATOR SECTIONS & DETAILS
Department of Airports Drawing No. 82001-600

Designed By DLD
Drawn By
Chief Architect JDW,BAS
PDSW Project No. 79000

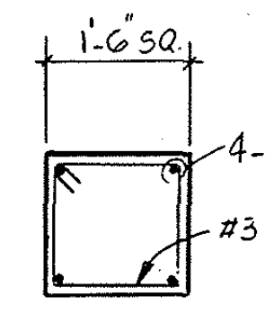
Drawing No. S6.2.1
Sheet of Sheets



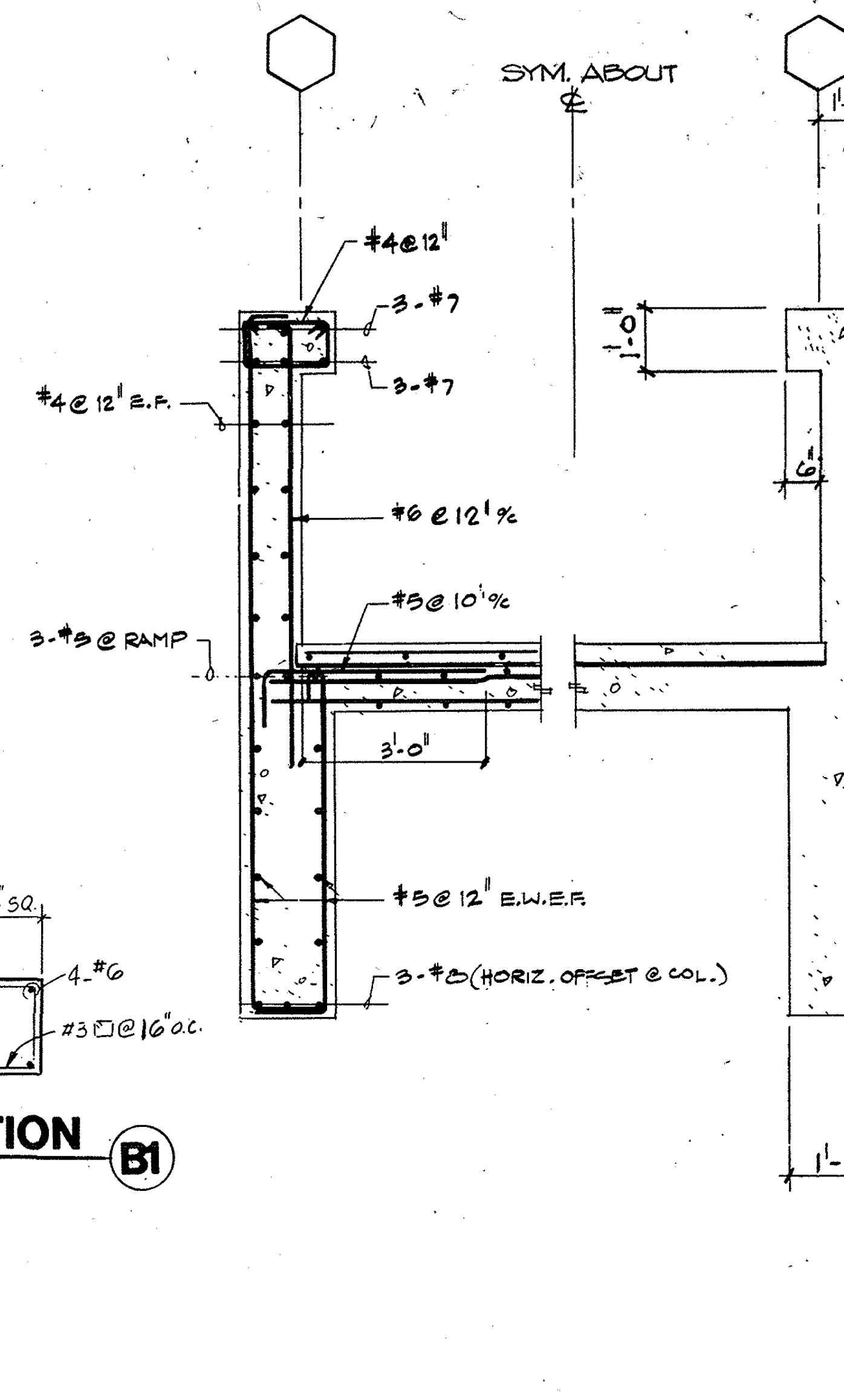
TUG RAMP LONGITUDINAL SECTION (A1)(A)
SCALE: 1/8"=1'-0"



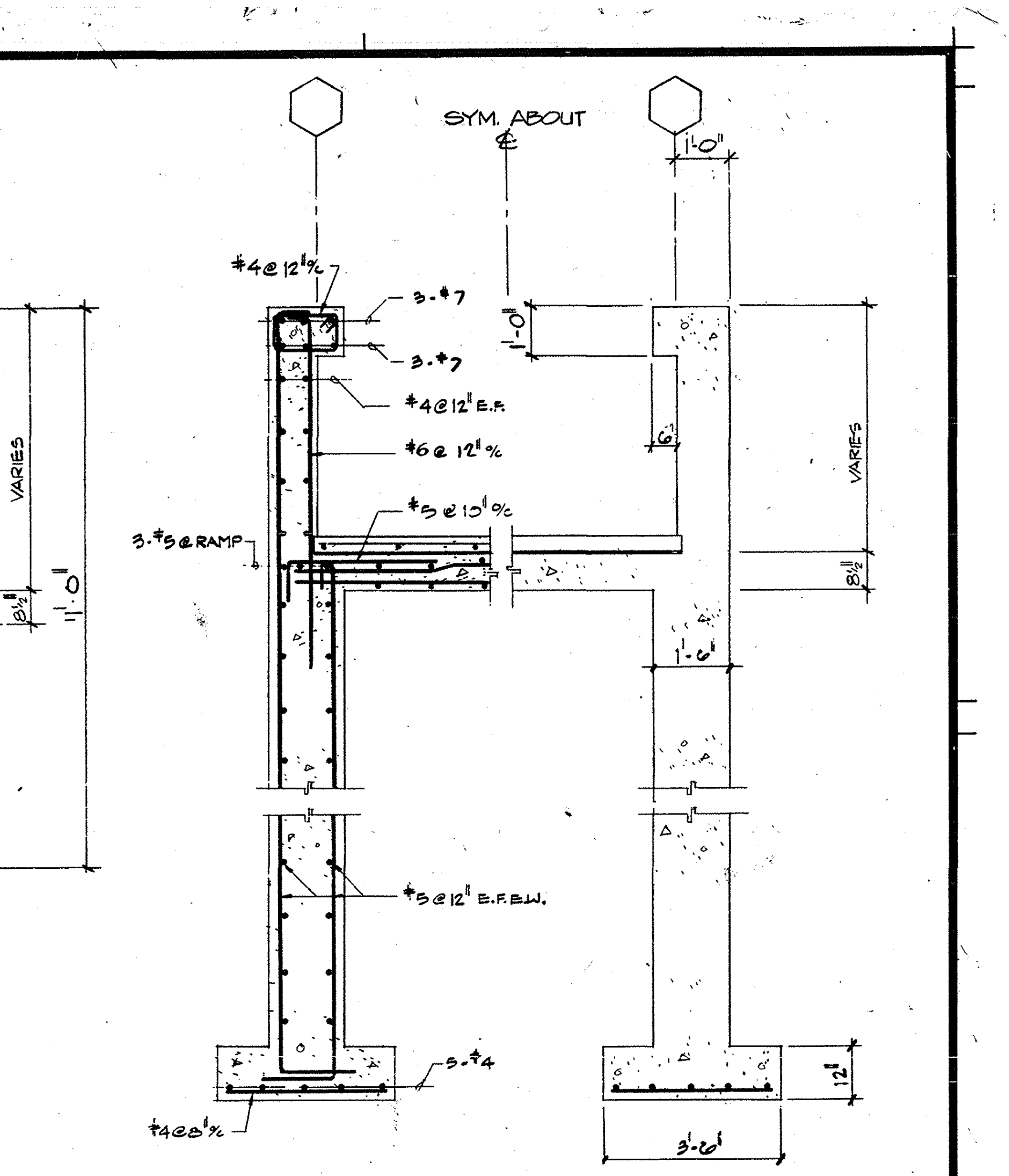
SECTION (B)
SCALE: 1/2"=1'-0"



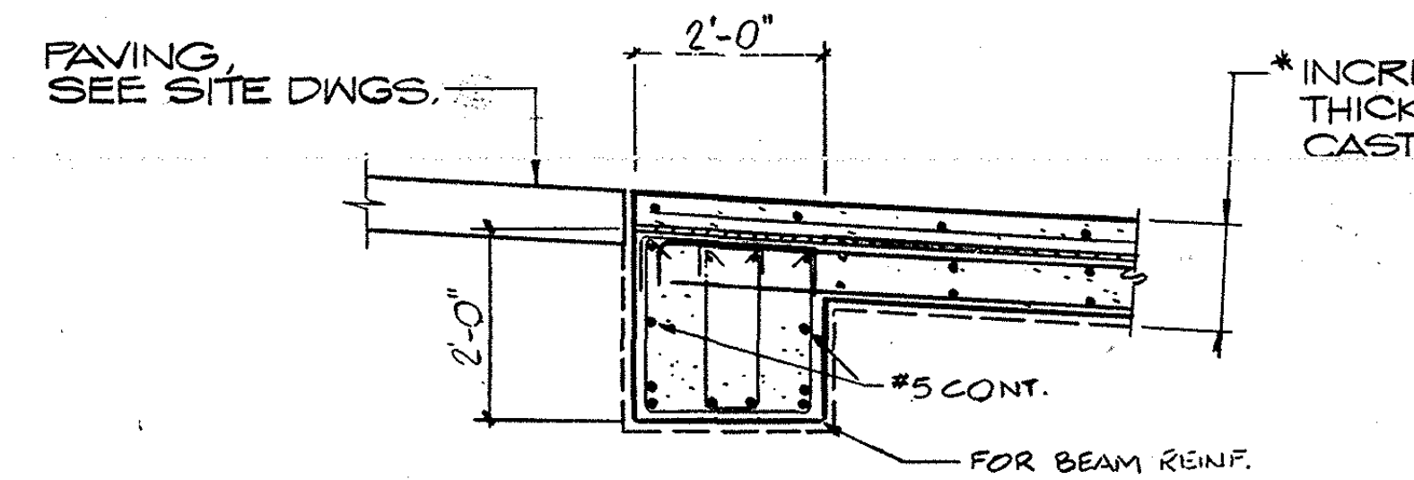
SECTION (B1)



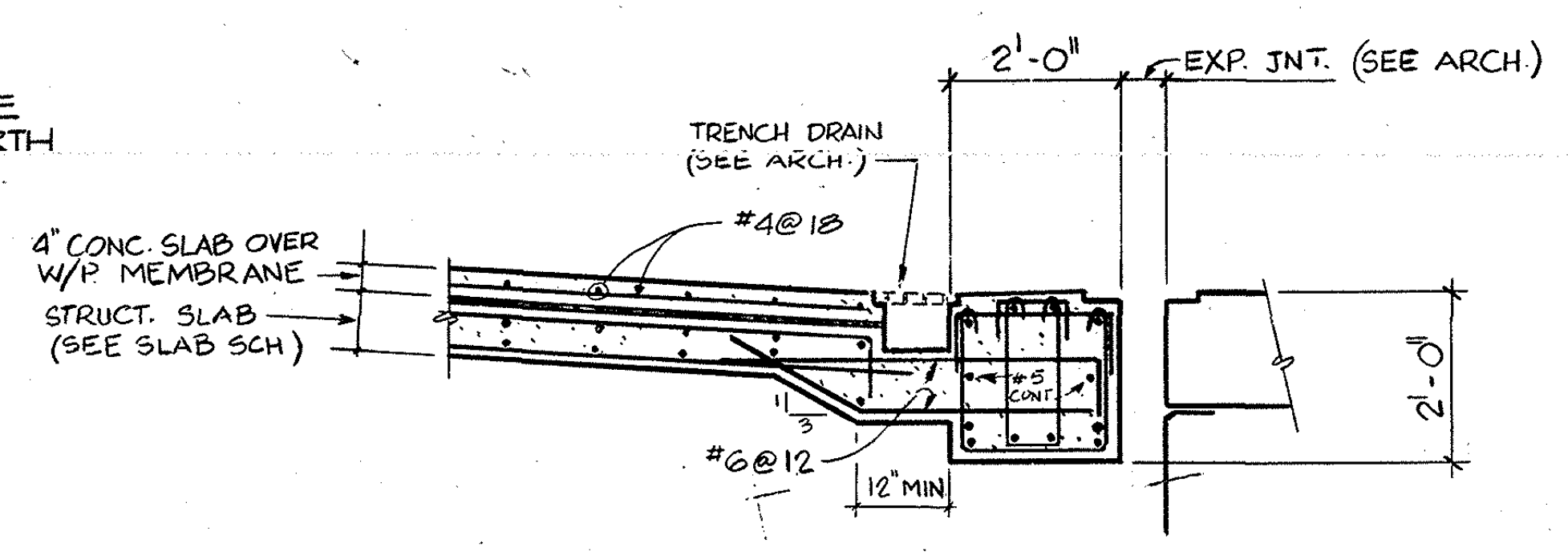
SECTION (C)
SCALE: 1/2"=1'-0"



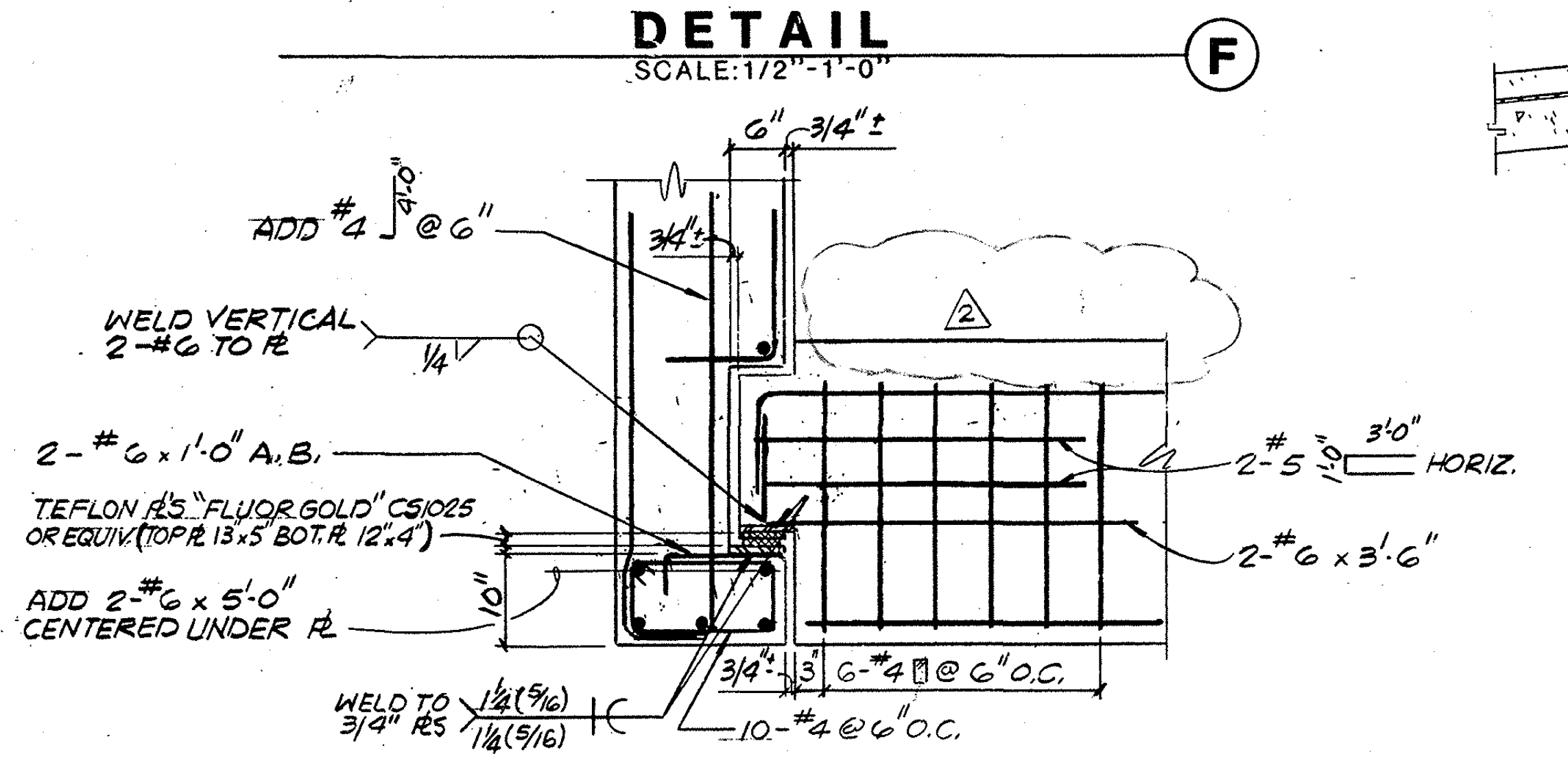
SECTION (D)
SCALE: 1/2"=1'-0"


PAVING, SEE SITE DWGS.
2'-0"
INCREASE CONC. THICKNESS 1" WHERE CAST AGAINST EARTH
#5 CONT.
FOR BEAM REINF. SEE BEAM SCHEDULE

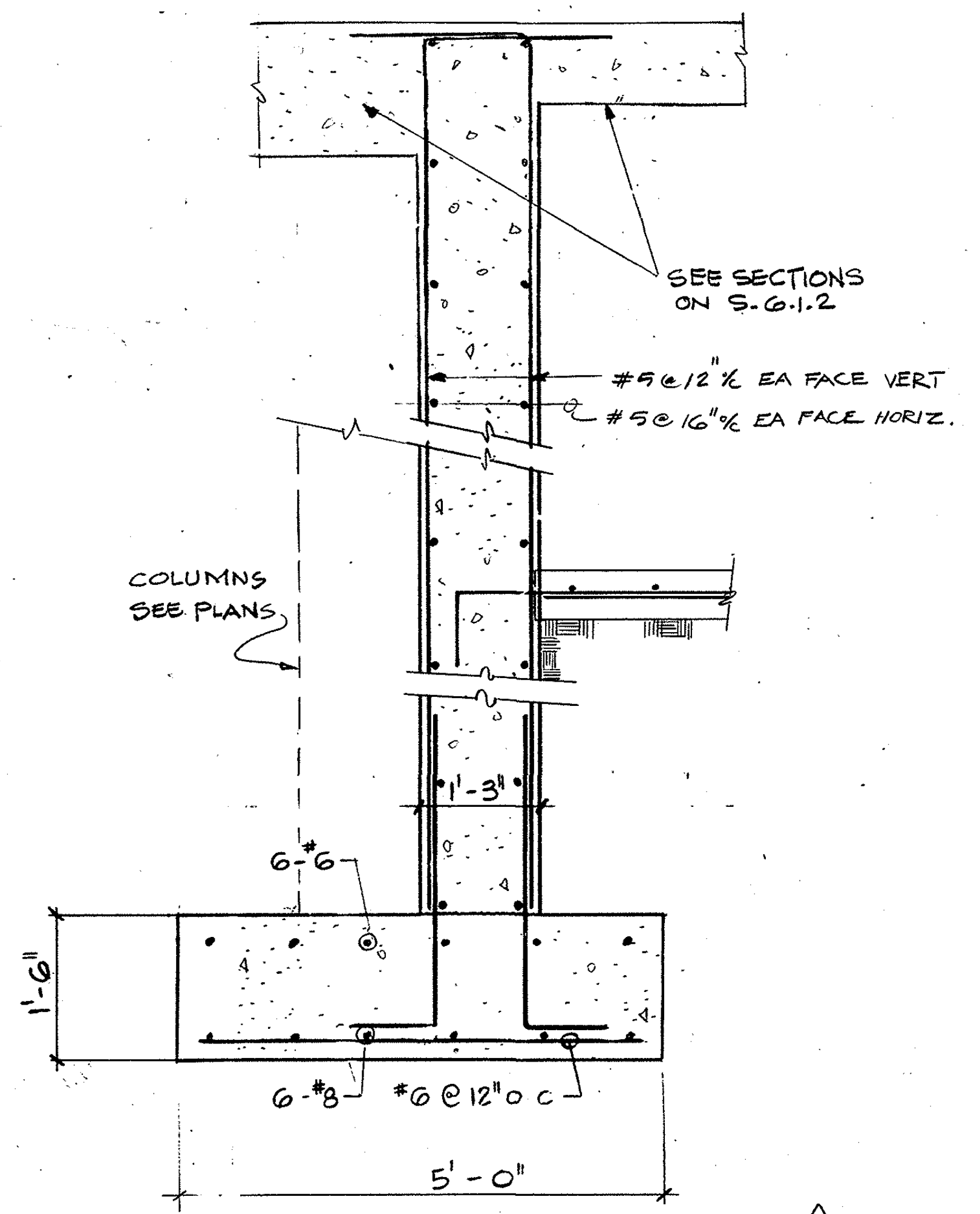
DETAIL (E)
SCALE: 1/2"=1'-0"



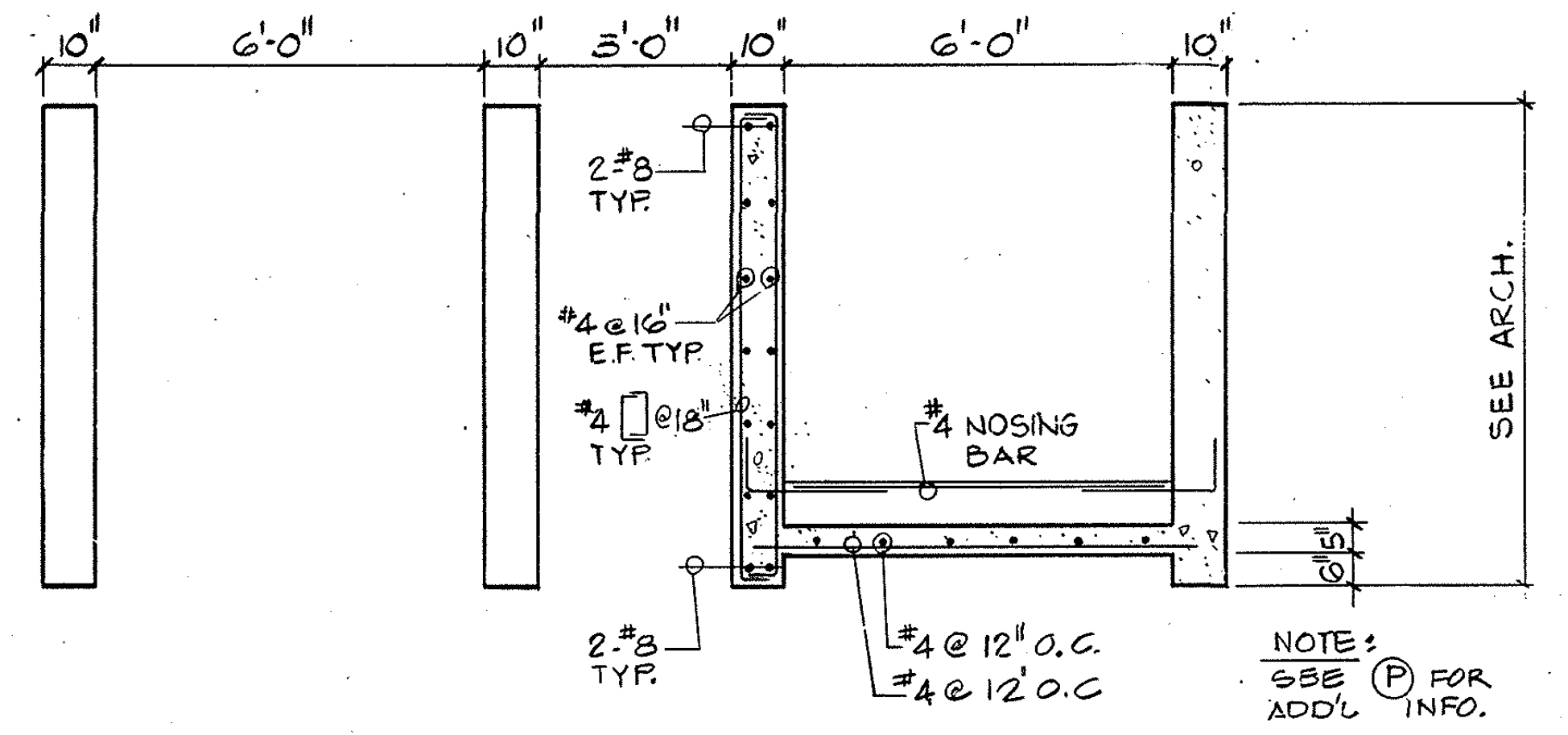
DETAIL (F)
SCALE: 1/2"=1'-0"


ADD #4 @6"
6" 3/4"
WELD VERTICAL 2-#6 TO PL
2-#6 x 1'-0" A.B.
TEFLON PL'S "FLUOR GOLD" CS1025 OR EQUIV (TOP PL 13x5 BOT PL 12x4)
ADD 2-#6 x 5'-0" CENTERED UNDER PL
WELD TO 1/2(5/16) 3/4" PL'S 1/4(5/16)
2-#5 3'-0" HORIZ.
2-#6 x 3'-6"
#4@6" O.C.
10-#4@6" O.C.

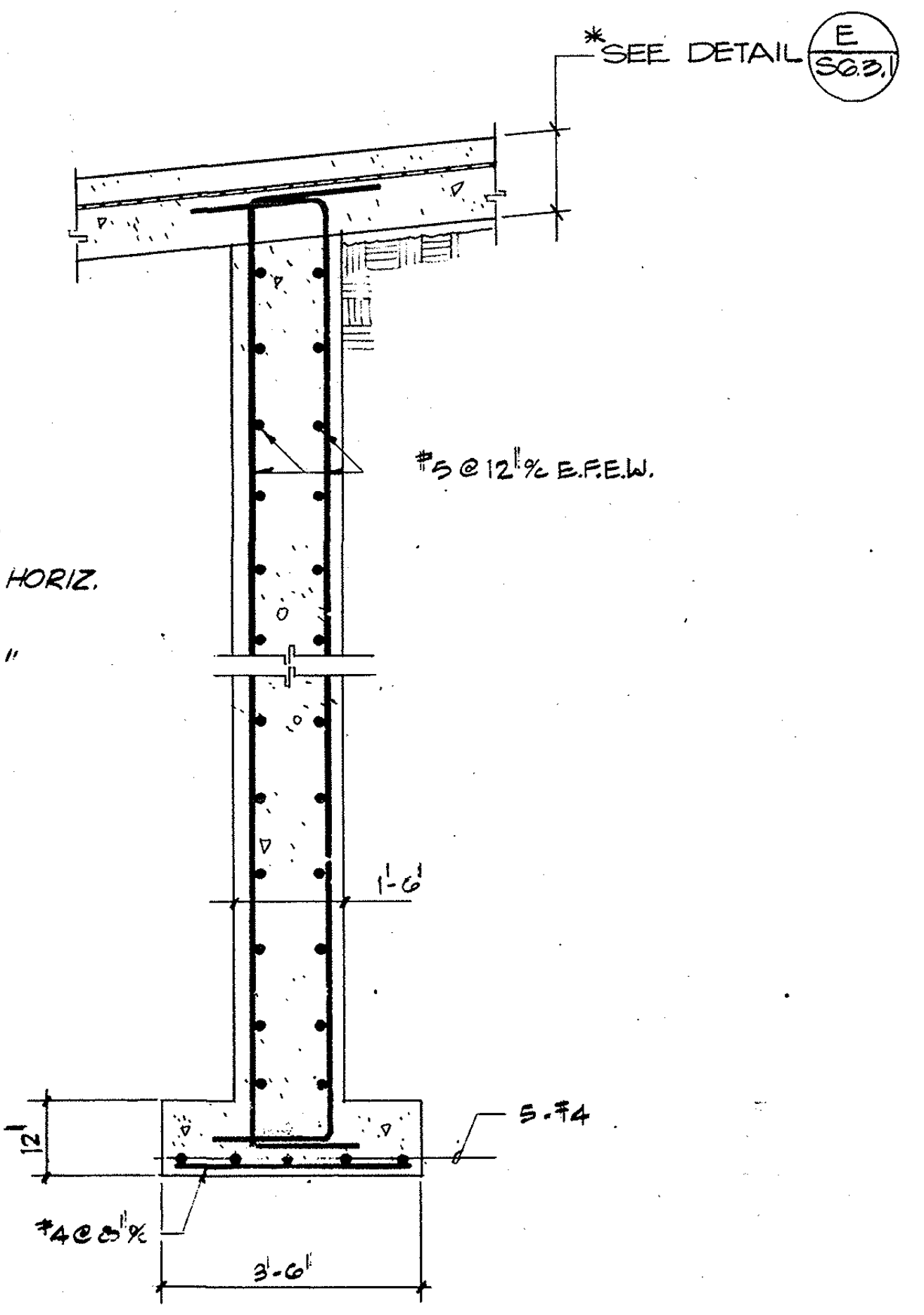
DETAIL (Q)
SCALE: 3/4"=1'-0"



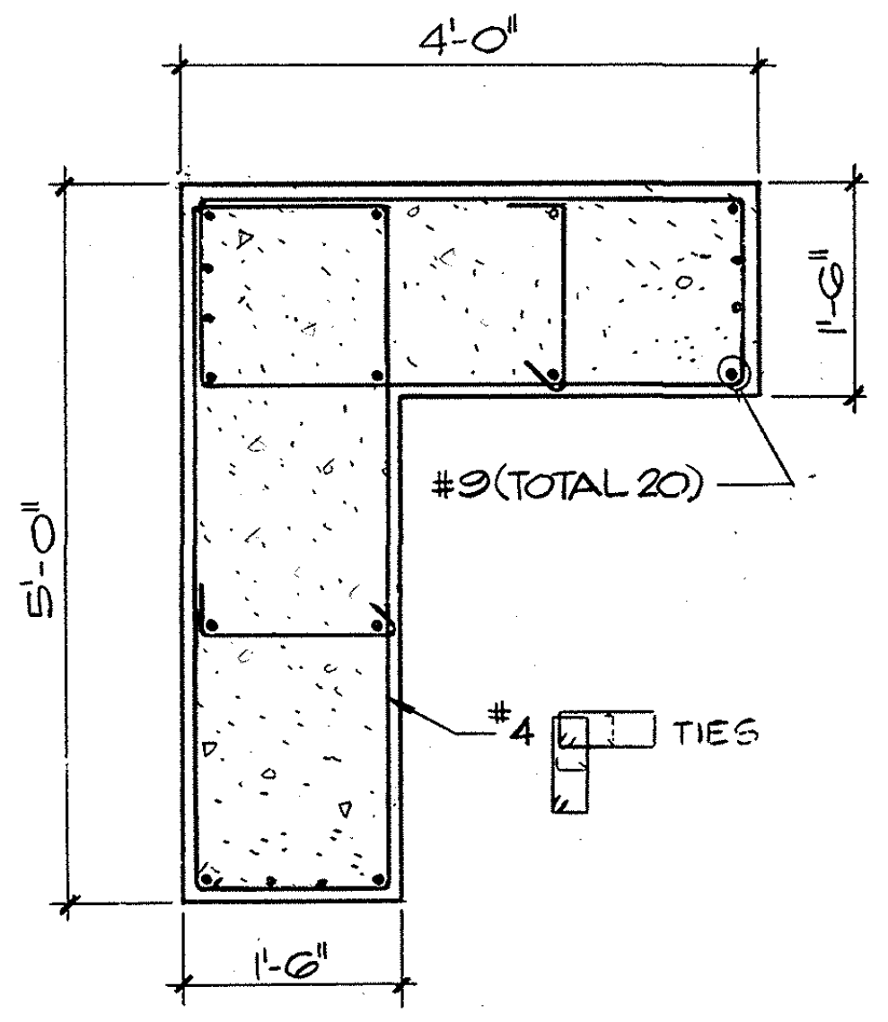
WALL SECTION (G)
SCALE: 3/4"=1'-0"



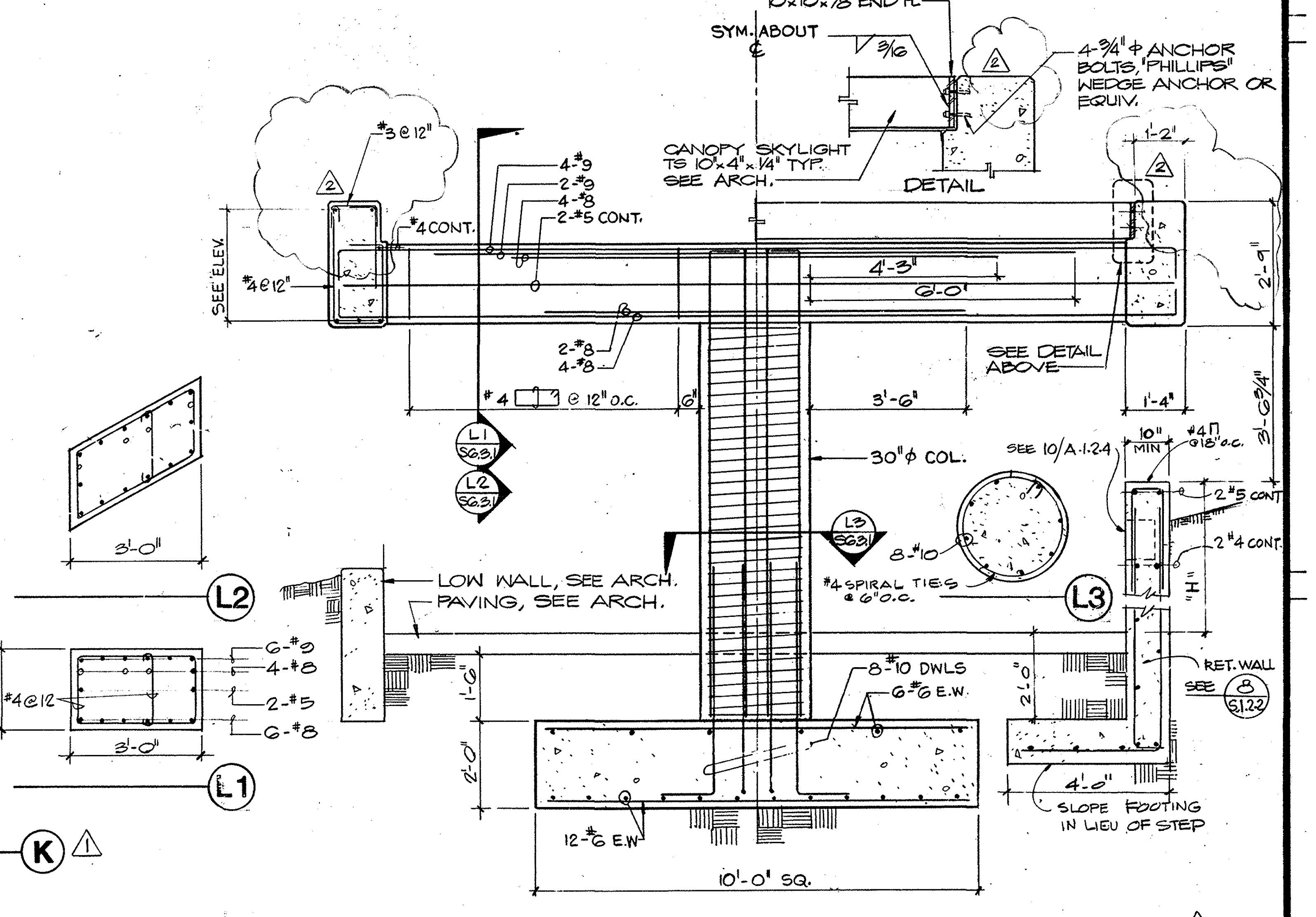
SECTION (H)
SCALE: 3/8"=1'-0"



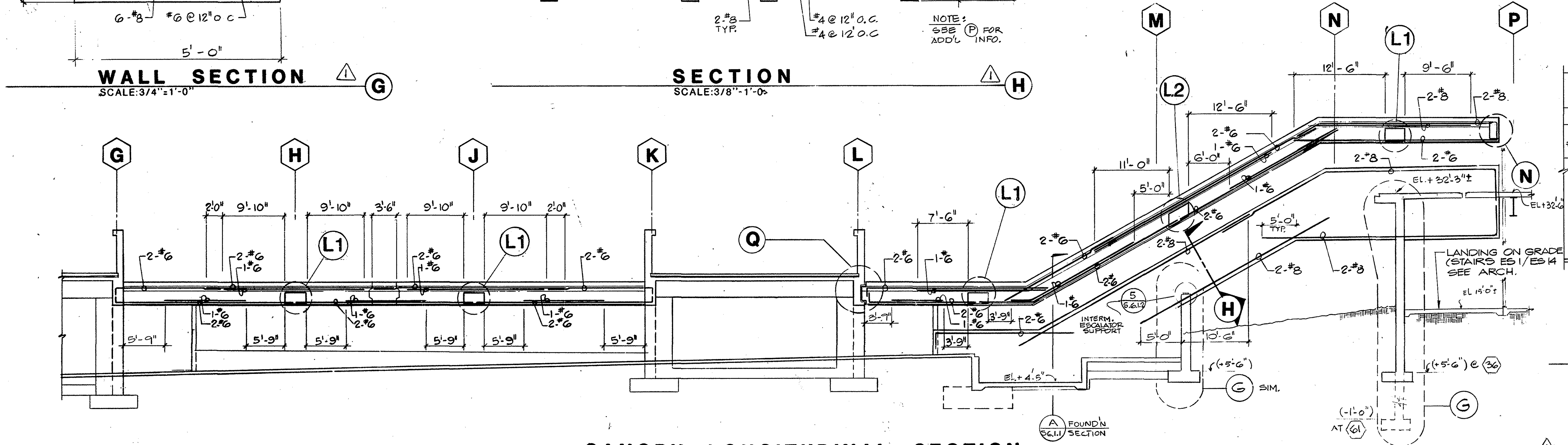
WALL SECTION (J)
SCALE: 1/4"=1'-0"



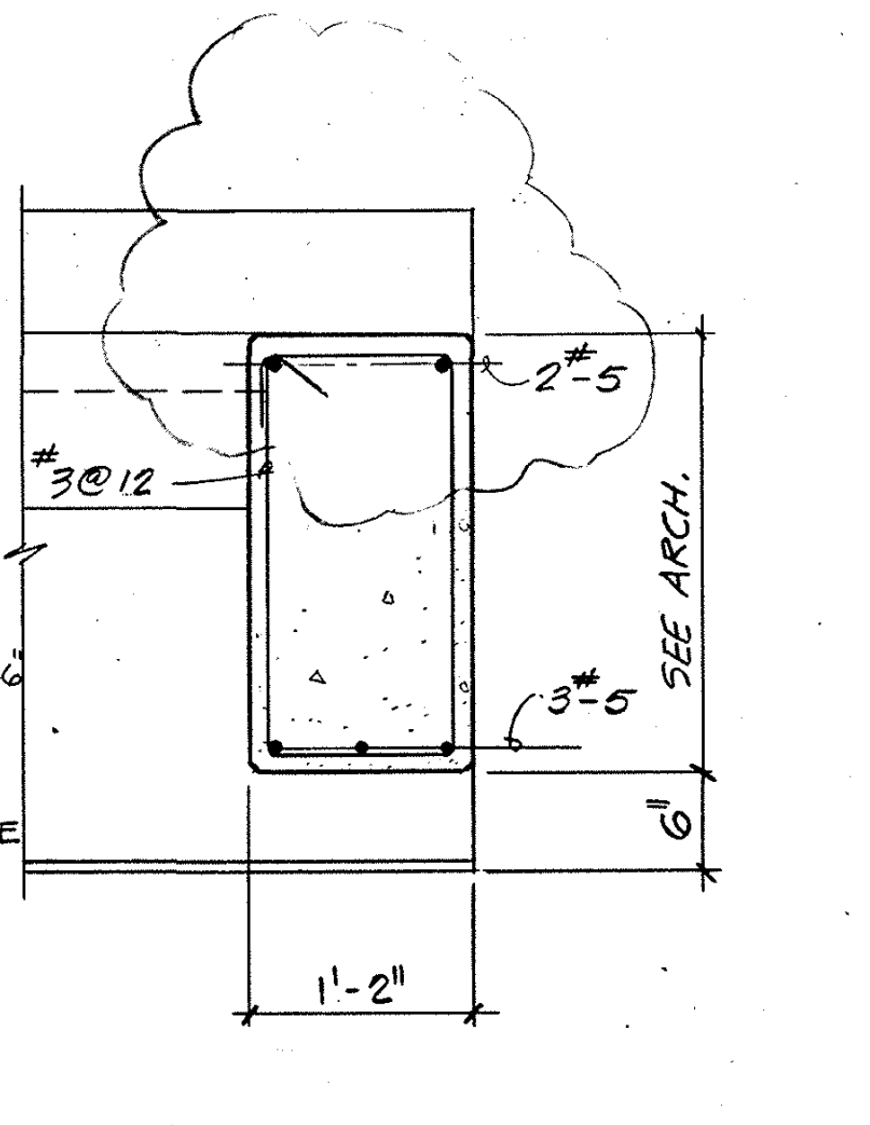
TYPICAL COLUMN SECTION (K)
SCALE: 3/4"=1'-0"



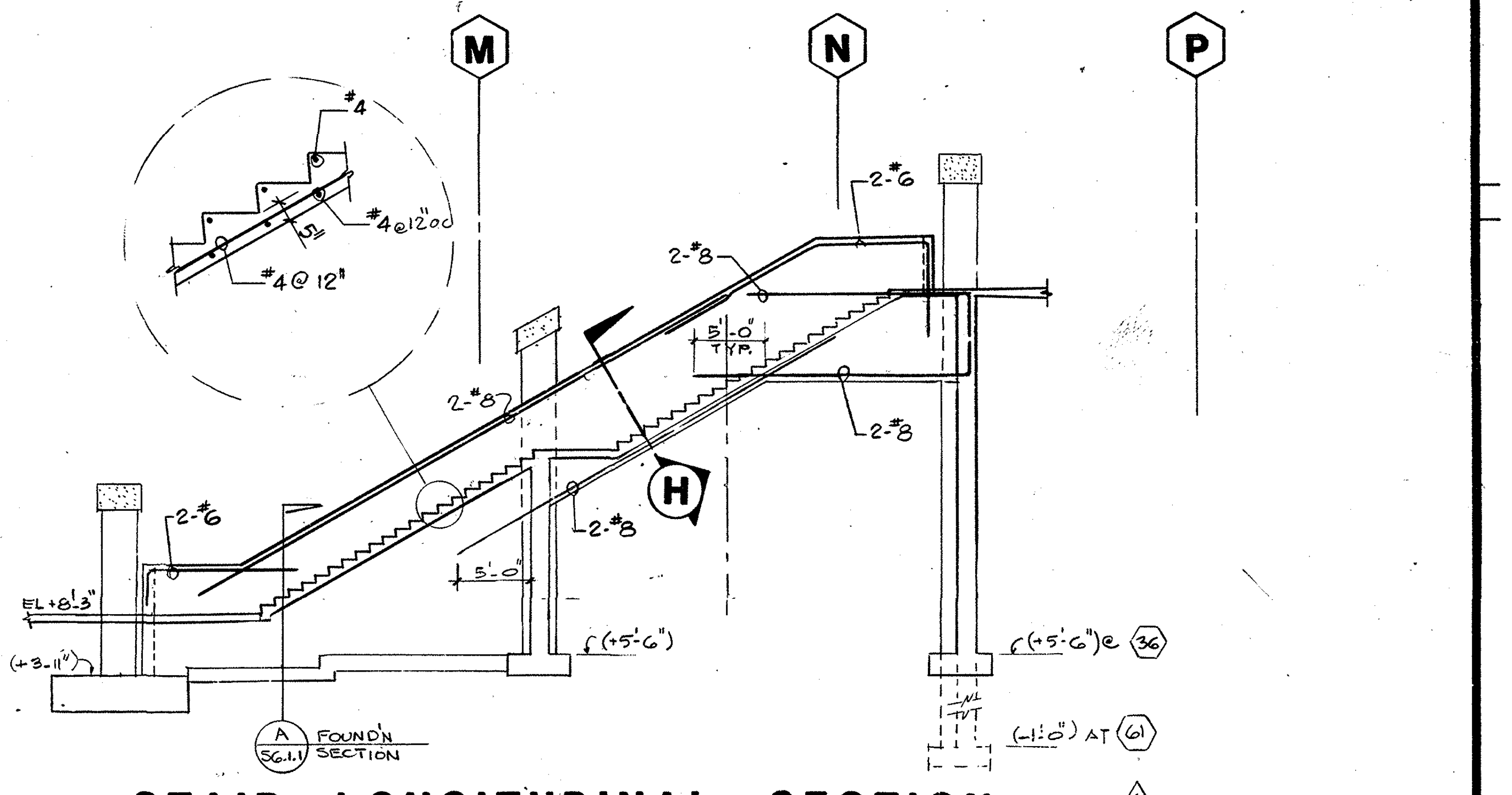
SECTION (L)
SCALE: 1/2"=1'-0"



CANOPY LONGITUDINAL SECTION (M)
SCALE: 1/8"=1'-0"



DETAIL (N)
SCALE: 1"=1'-0"



STAIR LONGITUDINAL SECTION (P)
SCALE: 1/8"=1'-0"

0029663

AS BUILT			
2	3-28-84	REVISE CANOPY SPANDREL SECTION	
1	1-7-83	ARCHT'L & ESCALATOR REVISIONS/COORDINATION	F
	4-6-82	ADDENDUM D	

Wm L Pereira FAIA

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record: WLP
Project Architect: REM
Date: FEB. 3, 1992
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City of Los Angeles Department of Airports
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Los Angeles International Airport

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Drawing Title: DOMESTIC DEPLANING WALKWAY & TUG RAMP BRIDGE SECTIONS & DETAILS
Department of Airports Drawing No.: 82001-600

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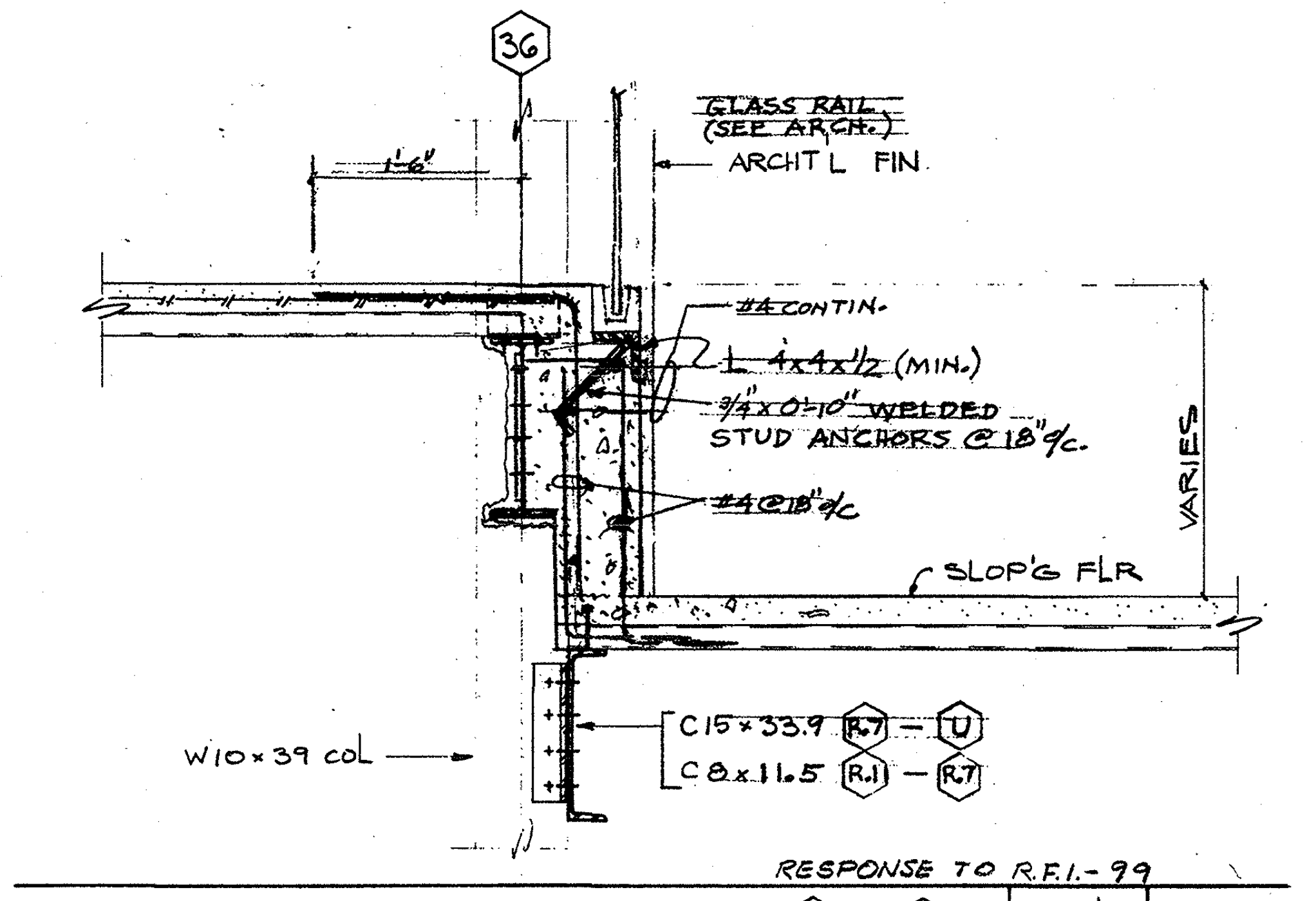
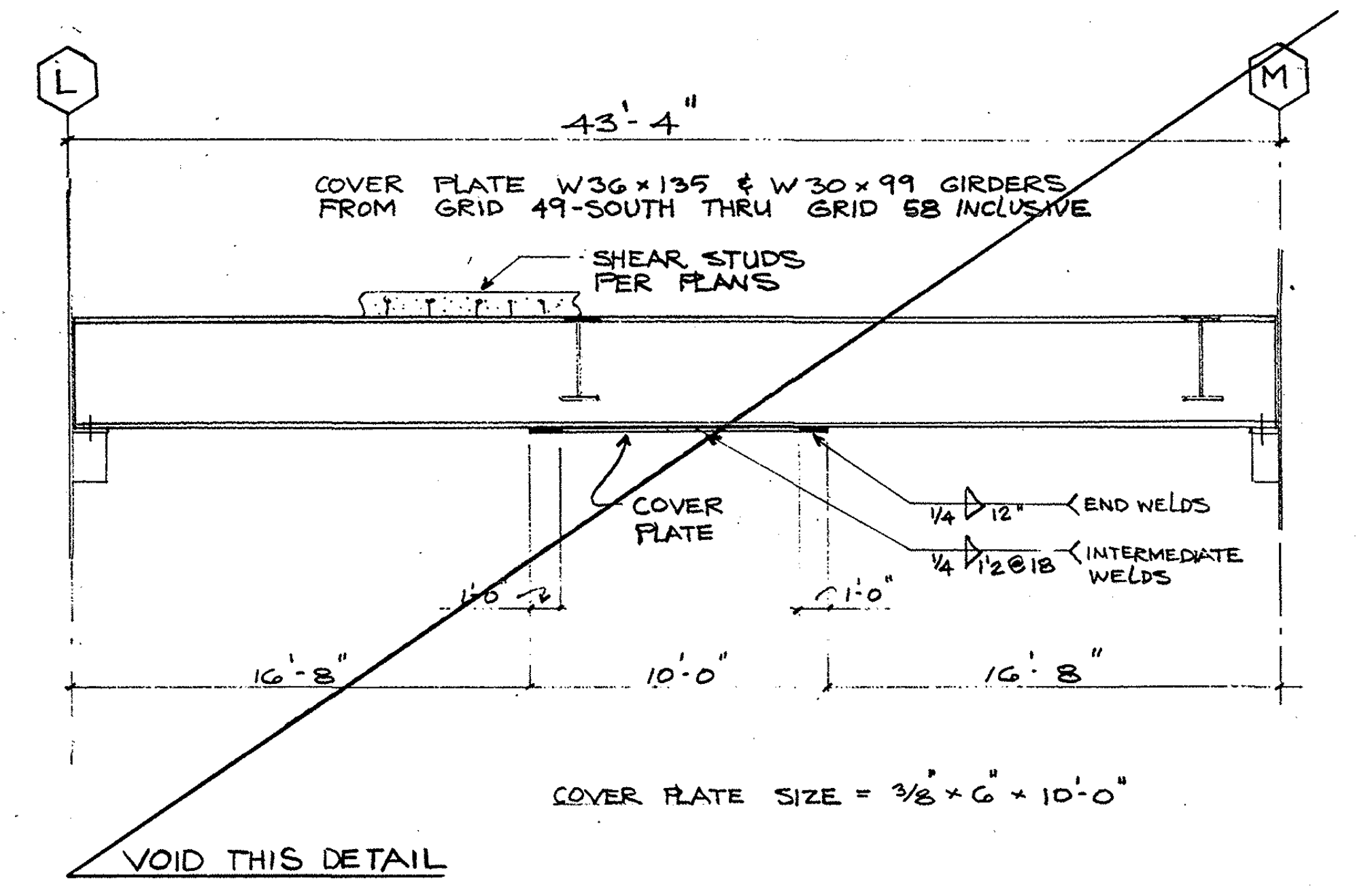
Chief Architect: JDW,BAS
PDSW Project No.: 79000

Drawing No. S6.3.1
Sheet of Sheets

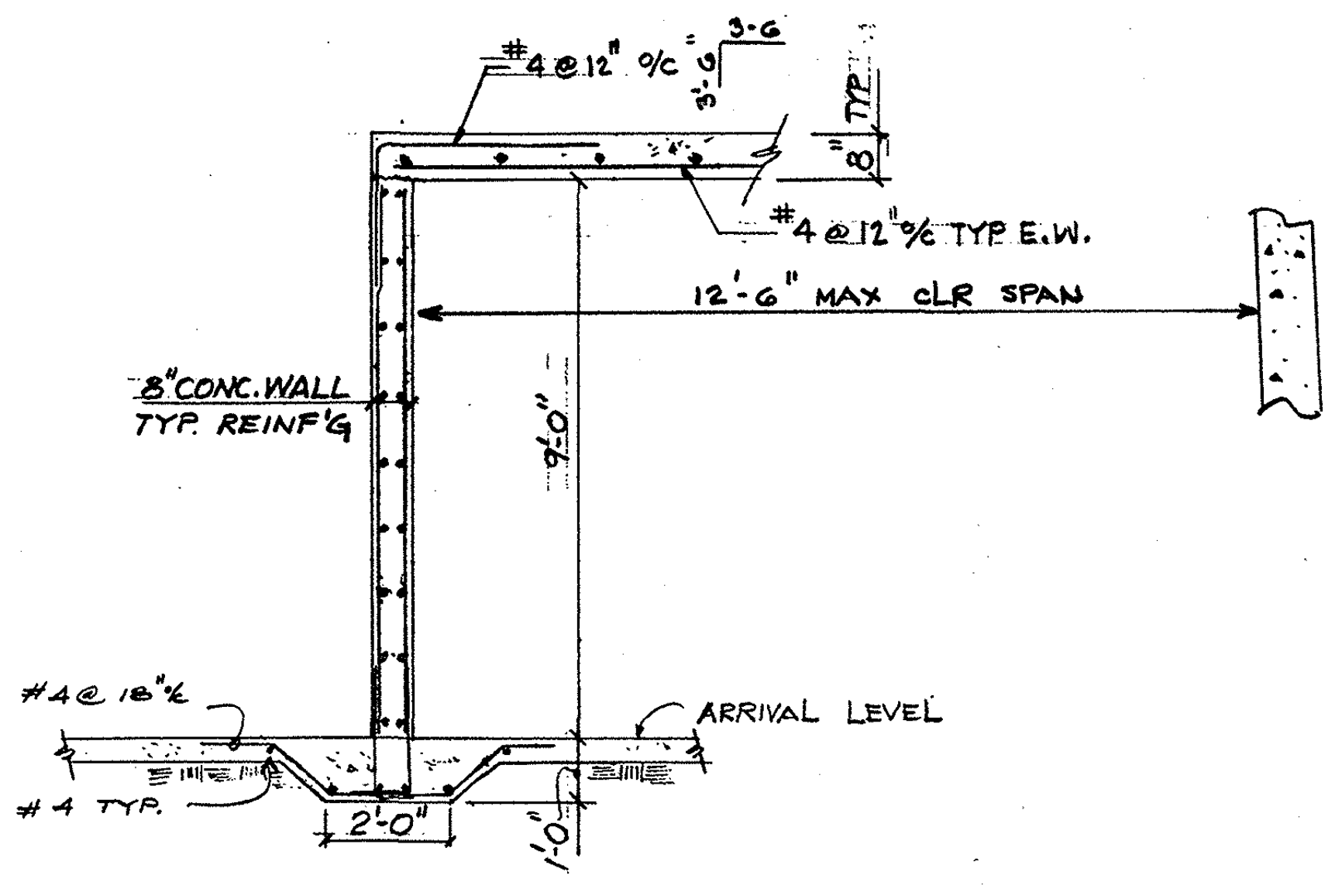


RESPONSE TO R.F.I.-99

SECTION AT RAMP, (RJ) TO (U) | 8-10-82 | SS-4

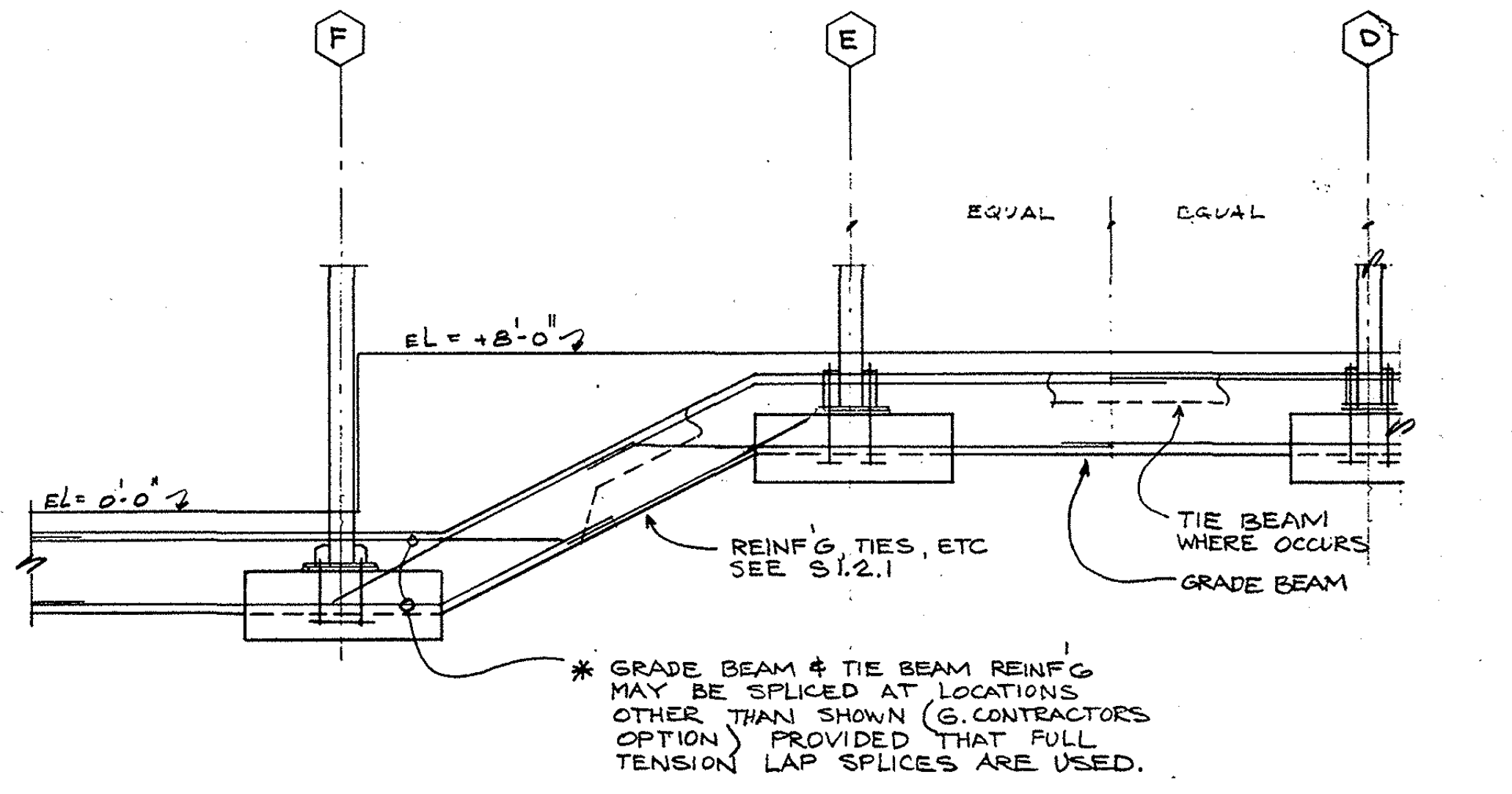

L
M
43'-4"
COVER PLATE W36x135 & W30x99 GIRDERS FROM GRID 49-SOUTH THRU GRID 58 INCLUSIVE
SHEAR STUDS PER PLANS
COVER PLATE
1/4 12" END WELDS
1/4 12@18 INTERMEDIATE WELDS
1'-0"
16'-8"
10'-0"
16'-8"
COVER PLATE SIZE = 3/8"x6"x10'-0"
VOID THIS DETAIL

GIRDER COVER PLATE | 8-2-82 | SS-3



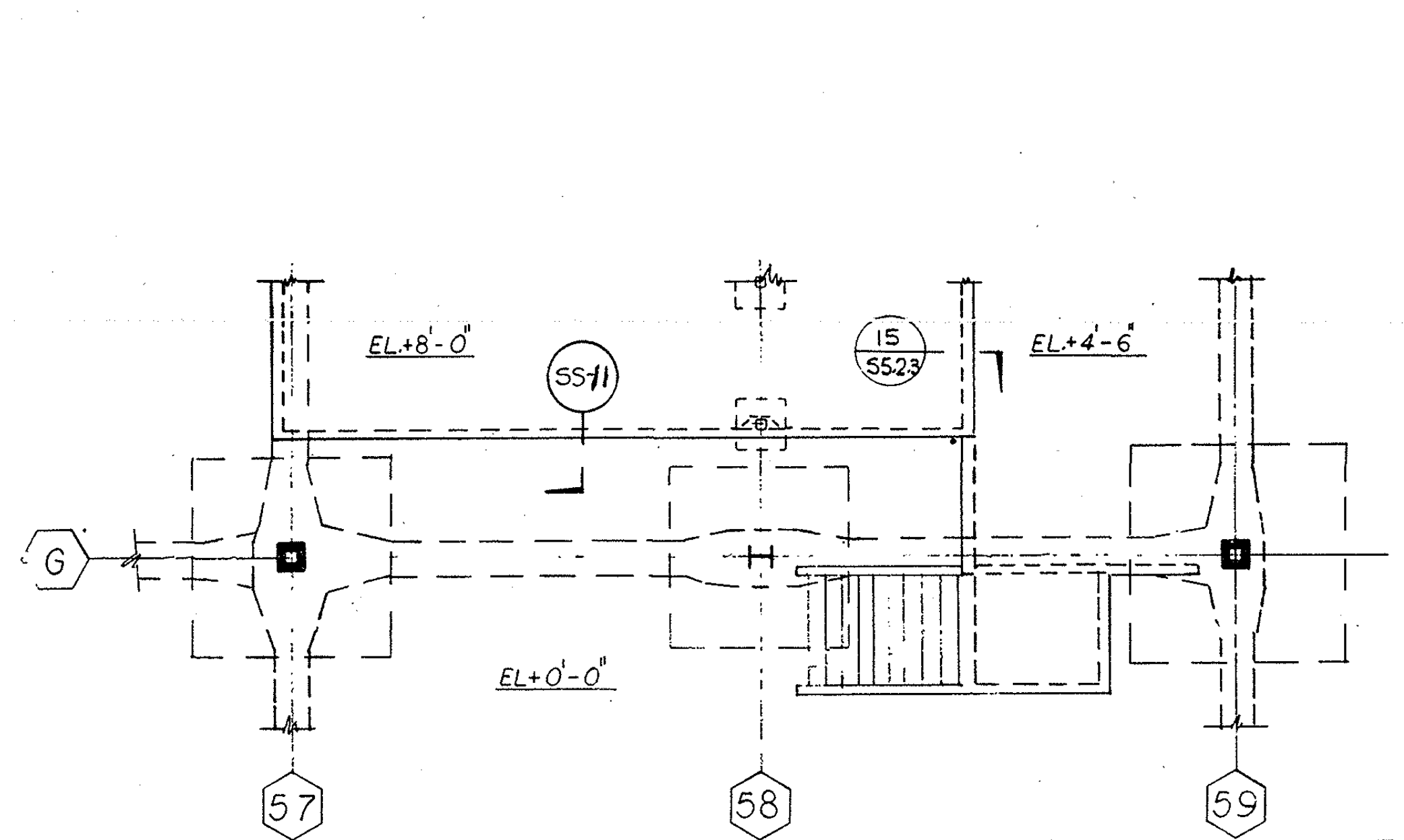
RESPONSE TO RFI-0021

HOLDING CELL / VAULT SECTION | JULY 20,82 | SS-2

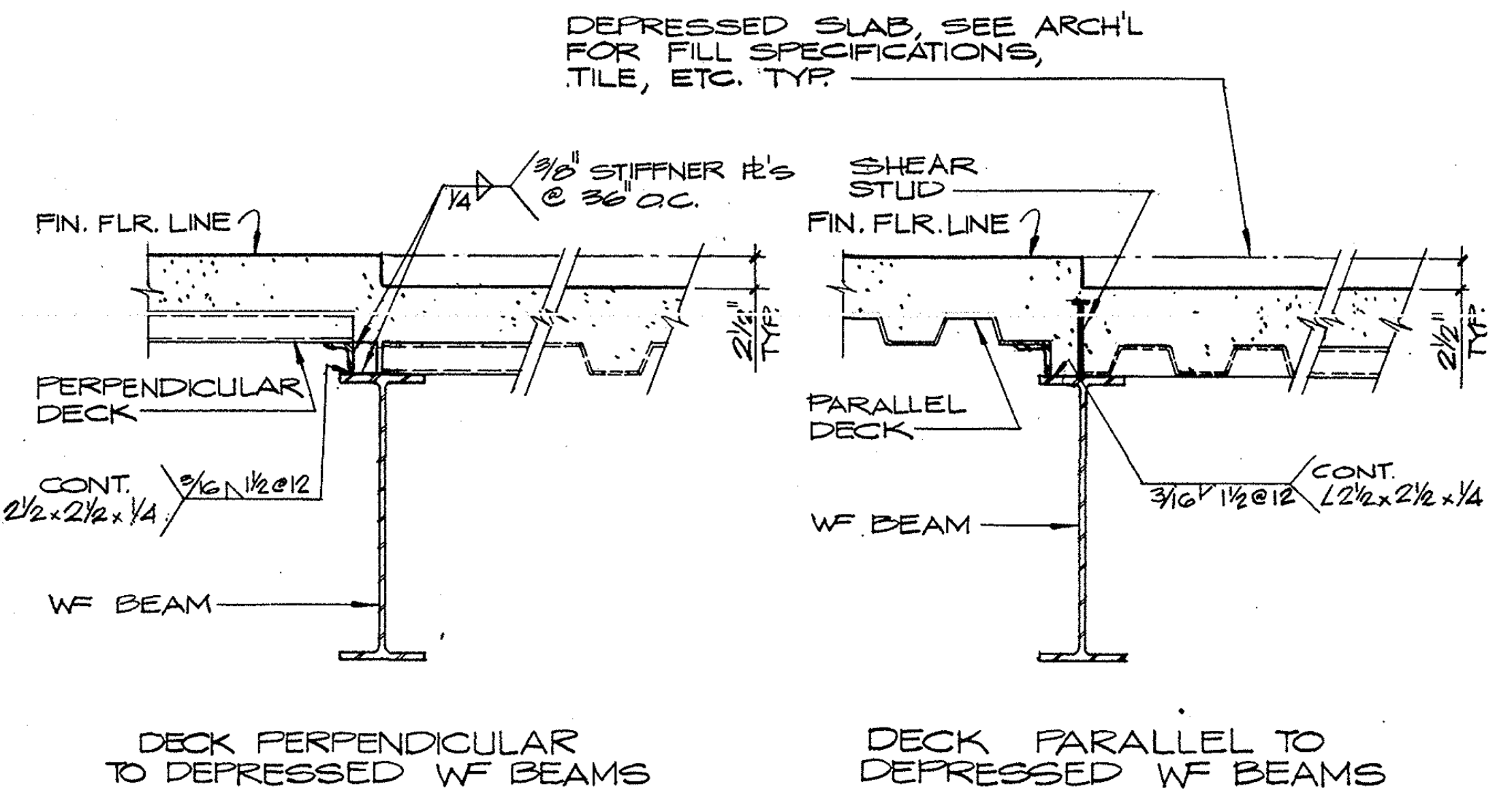

F
E
D
EQUAL
EQUAL
EL+8'-0"
EL+0'-0"
REINF'G, TIES, ETC SEE S1.2.1
TIE BEAM WHERE OCCURS
GRADE BEAM
* GRADE BEAM & TIE BEAM REINF'G MAY BE SPLICED AT LOCATIONS OTHER THAN SHOWN (G. CONTRACTORS OPTION) PROVIDED THAT FULL TENSION LAP SPLICES ARE USED.

* APPLIES ONLY TO PROFILE BTWN GRIDS E & F

GRADE BEAM - TIE BEAM PROFILE | JUNE 16,'82 | SS-1

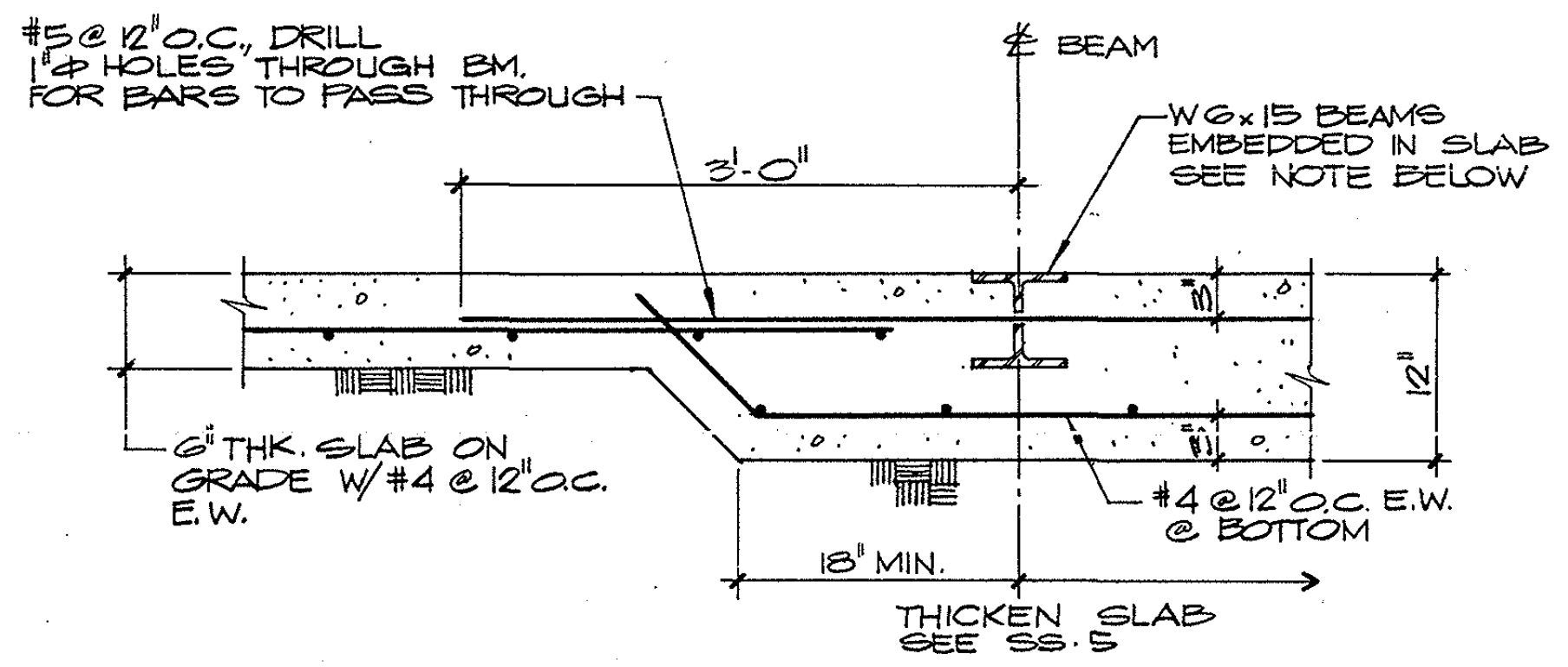


PARTIAL PLAN ARRIVAL LEVEL | AUG.25,82 | SS-8


DEPRESSED SLAB, SEE ARCH'L FOR FILL SPECIFICATIONS, TILE, ETC. TYP.
FIN. FLR. LINE
1/4
1/4"x6 STIFFNER PL'S @ 36" O.C.
SHEAR STUD
FIN. FLR. LINE
2 1/2" TYP.
PERPENDICULAR DECK
CONT. L2 1/2x2 1/2x1/4
3/16 1 1/2@12
PARALLEL DECK
WF BEAM
3/16 1 1/2@12
CONT. L2 1/2x2 1/2x1/4
WF BEAM
DECK PERPENDICULAR TO DEPRESSED WF BEAMS
DECK PARALLEL TO DEPRESSED WF BEAMS

RESPONSE TO R.F.I.-123

DECK SUPPORT AT FLOOR DEPRESSION TRANSITIONS | AUG.20'82 | SS-7

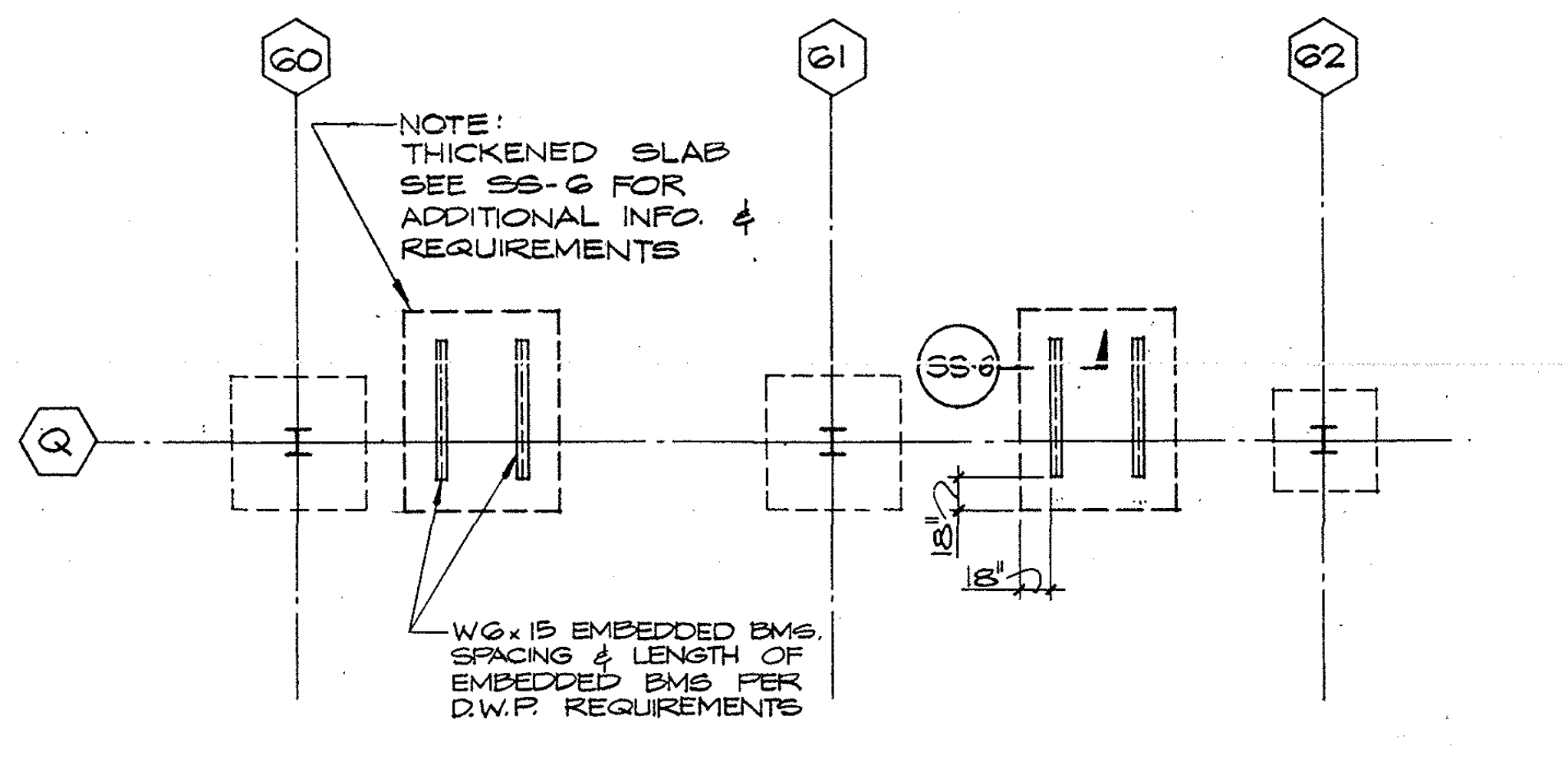

#5@12"O.C. DRILL 1 1/8" HOLES THROUGH BM. FOR BARS TO PASS THROUGH
℄ BEAM
W6x15 BEAMS EMBEDDED IN SLAB SEE NOTE BELOW
3'-0"
12"
6" THK. SLAB ON GRADE W/#4@12"O.C. E.W.
#4@12"O.C. E.W. @ BOTTOM
18" MIN.
THICKEN SLAB SEE SS-5

NOTE: WIRE BRUSH TOP OF BMS, APPLY ONE BRUSHED COAT OF UNTHINNED GALVANOX OR 2 COATS OF SPRAYED GALVANOX ON BURNISHED SURFACE. SEE SS-5 FOR ADD'L INFORMATION.

SECTION

RESPONSE TO D.W.P. REQUIREMENTS

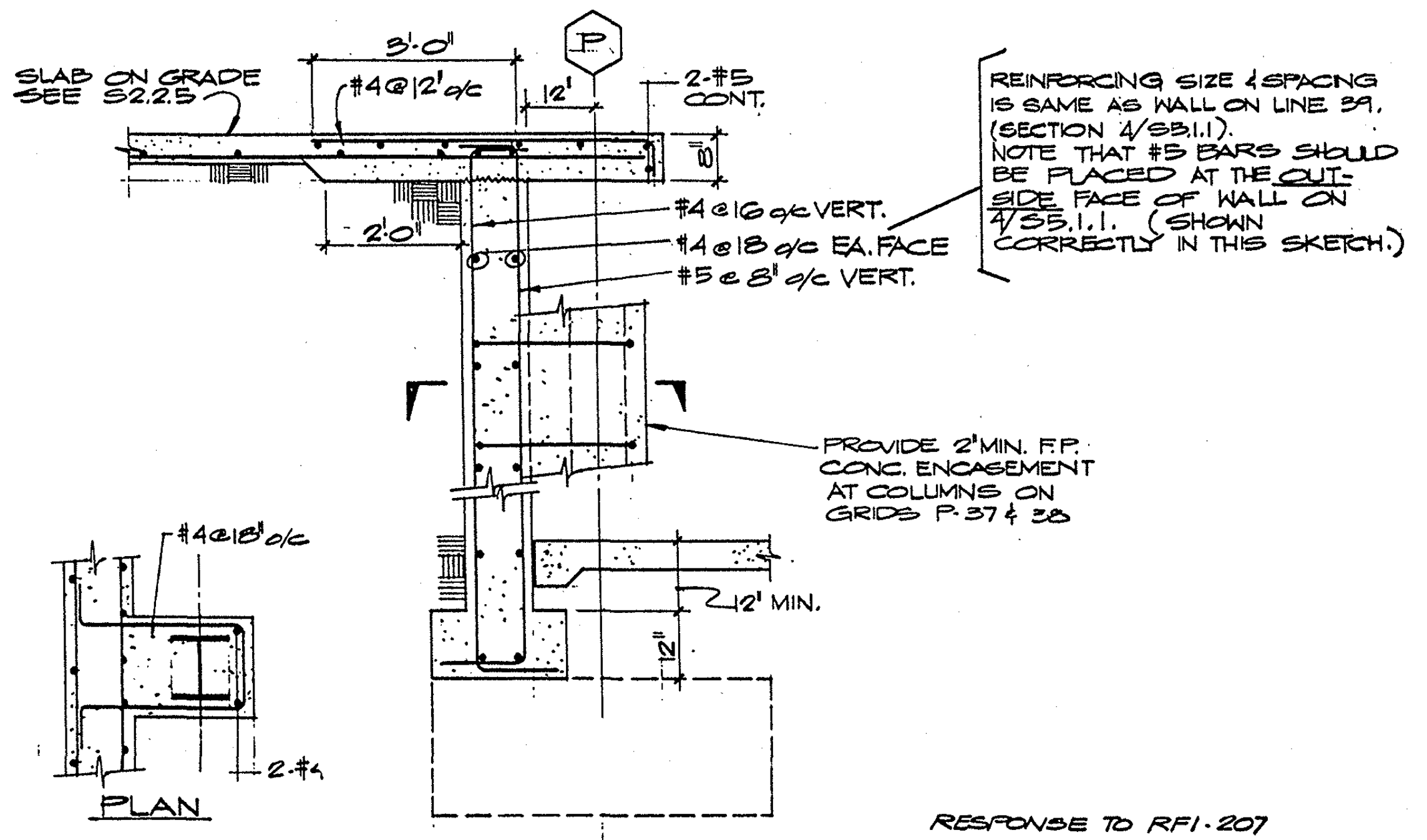
EMBEDDED TRANSFORMER SUPPORT BMS | AUG.20,82 | SS-6


G0
G1
G2
NOTE: THICKENED SLAB SEE SS-6 FOR ADDITIONAL INFO. & REQUIREMENTS
Q
SS-6
18"
W6x15 EMBEDDED BMS. SPACING & LENGTH OF EMBEDDED BMS PER D.W.P. REQUIREMENTS

TRANSFORMER VAULT PARTIAL PLAN

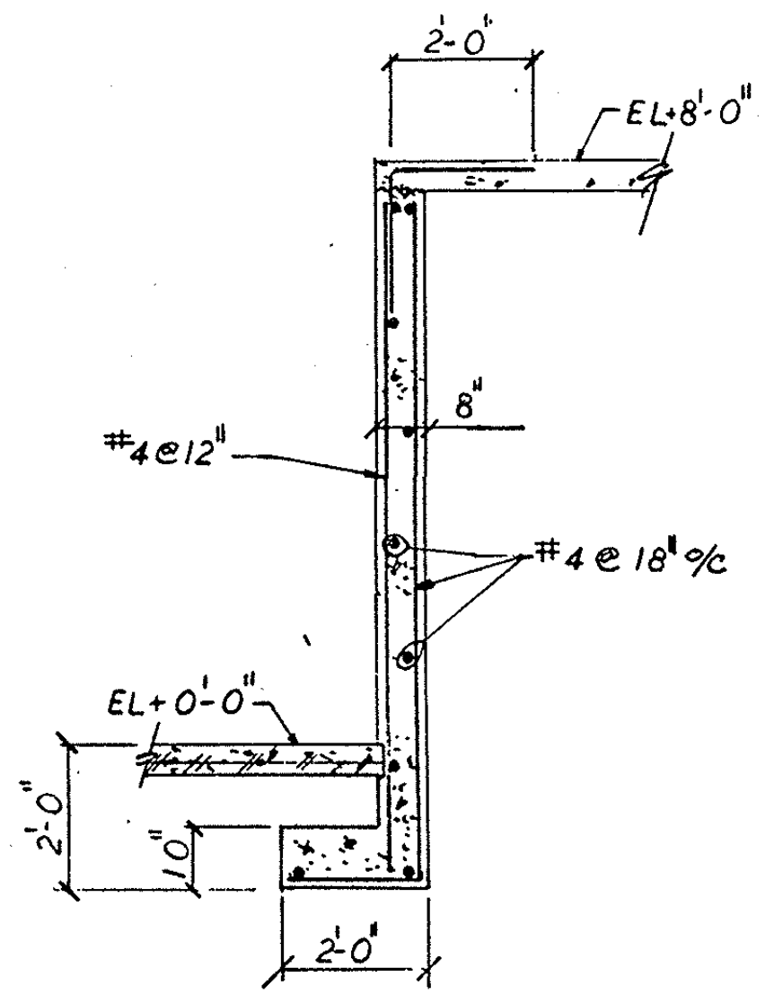
RESPONSE TO D.W.P. REQUIREMENTS

EMBEDDED TRANSFORMER SUPPORT BEAMS | AUG.20,82 | SS-5

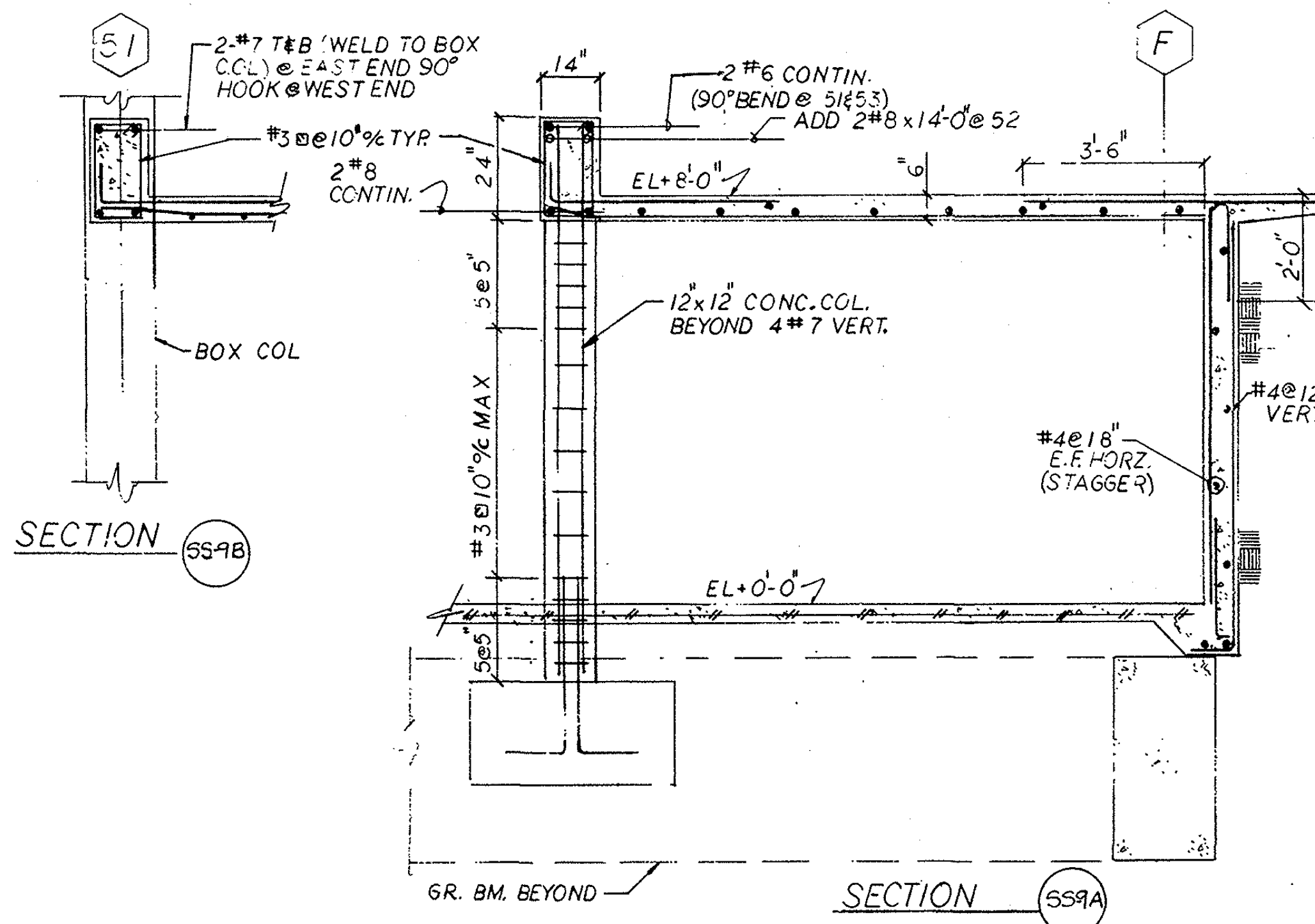

SLAB ON GRADE SEE S2.23
3'-0"
P
2-#5 CONT.
#4@12" o/c
12"
#4@16" o/c VERT.
#4@18" o/c EA. FACE
#5@8" o/c VERT.
2'-0"
REINFORCING SIZE & SPACING IS SAME AS WALL ON LINE 59. (SECTION 4/S5.1.1) NOTE THAT #5 BARS SHOULD BE PLACED AT THE OUTSIDE FACE OF WALL ON 4/S5.1.1. (SHOWN CORRECTLY IN THIS SKETCH.)
PROVIDE 2" MIN. F.F. CONC. ENCASEMENT AT COLUMNS ON GRIDS P 57 & 58
#4@18" o/c
12" MIN.
PLAN
2-#4

RESPONSE TO RFI-207

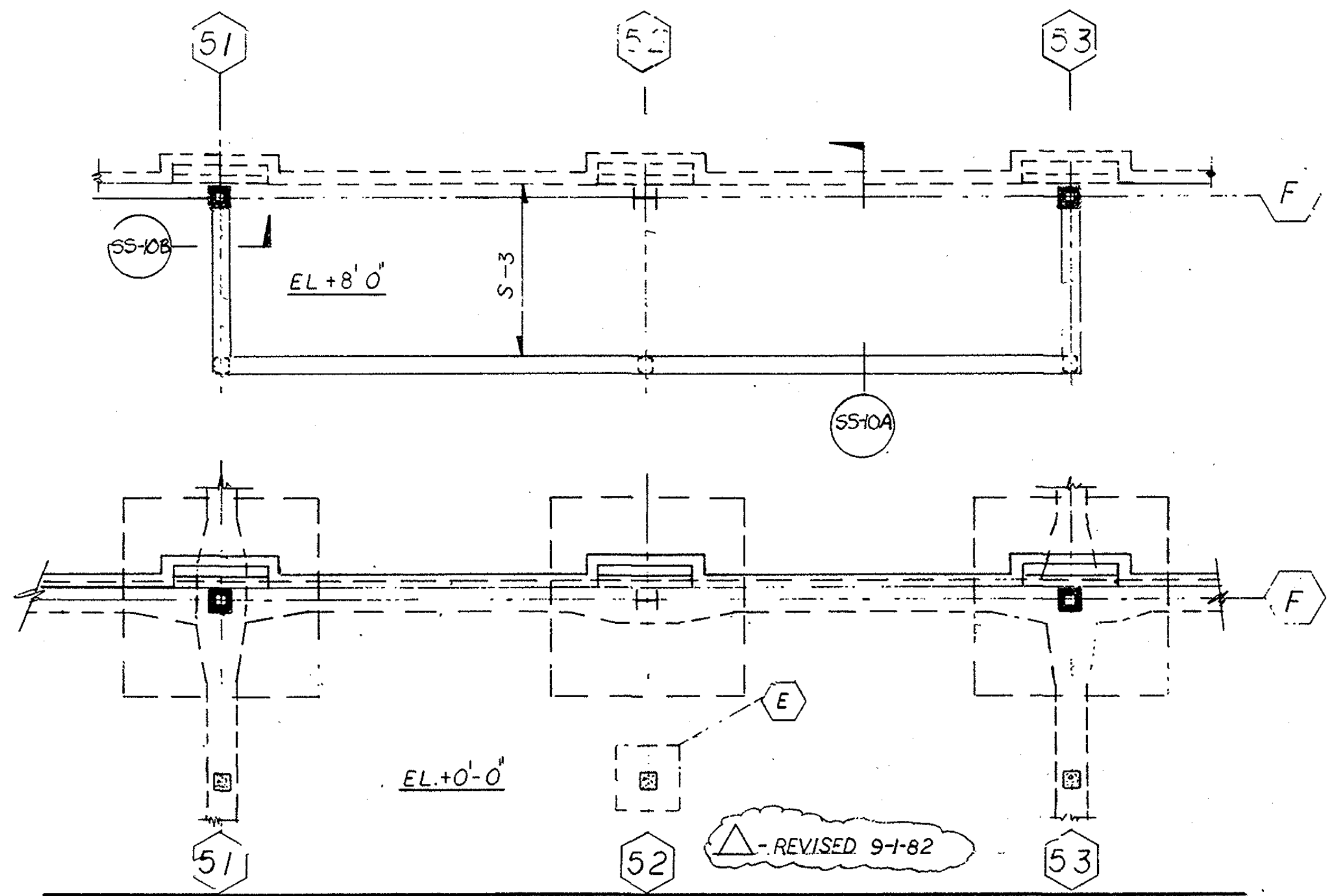
WALL SECTION | FOR REFERENCE SEE S2.23, LINE P, FROM GRID LINES 56-59 | 10-5-82 | SS-12



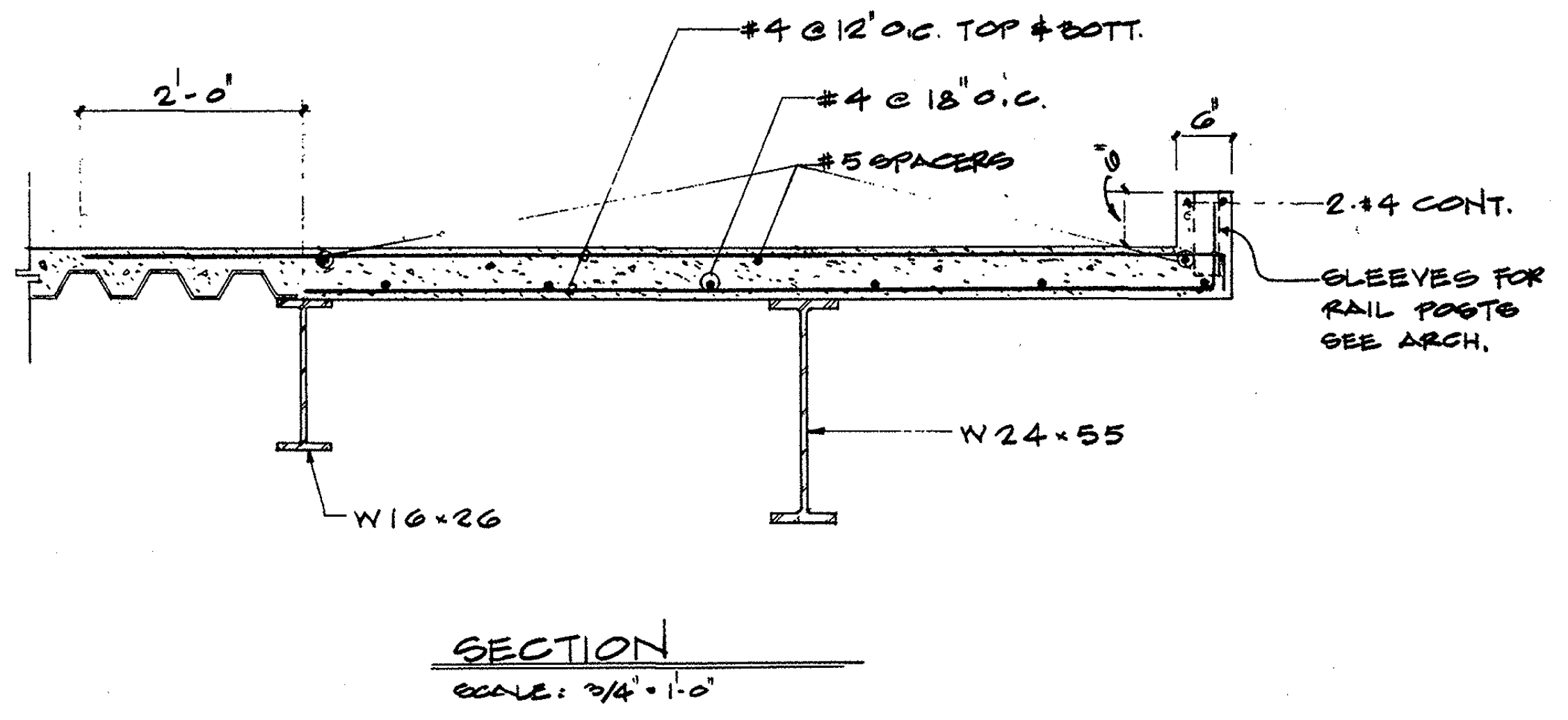
SECTION ARRIVAL LEVEL | AUG.25,82 | SS-11



SECTIONS ARRIVAL LEVEL | AUG.25,82 | SS-10

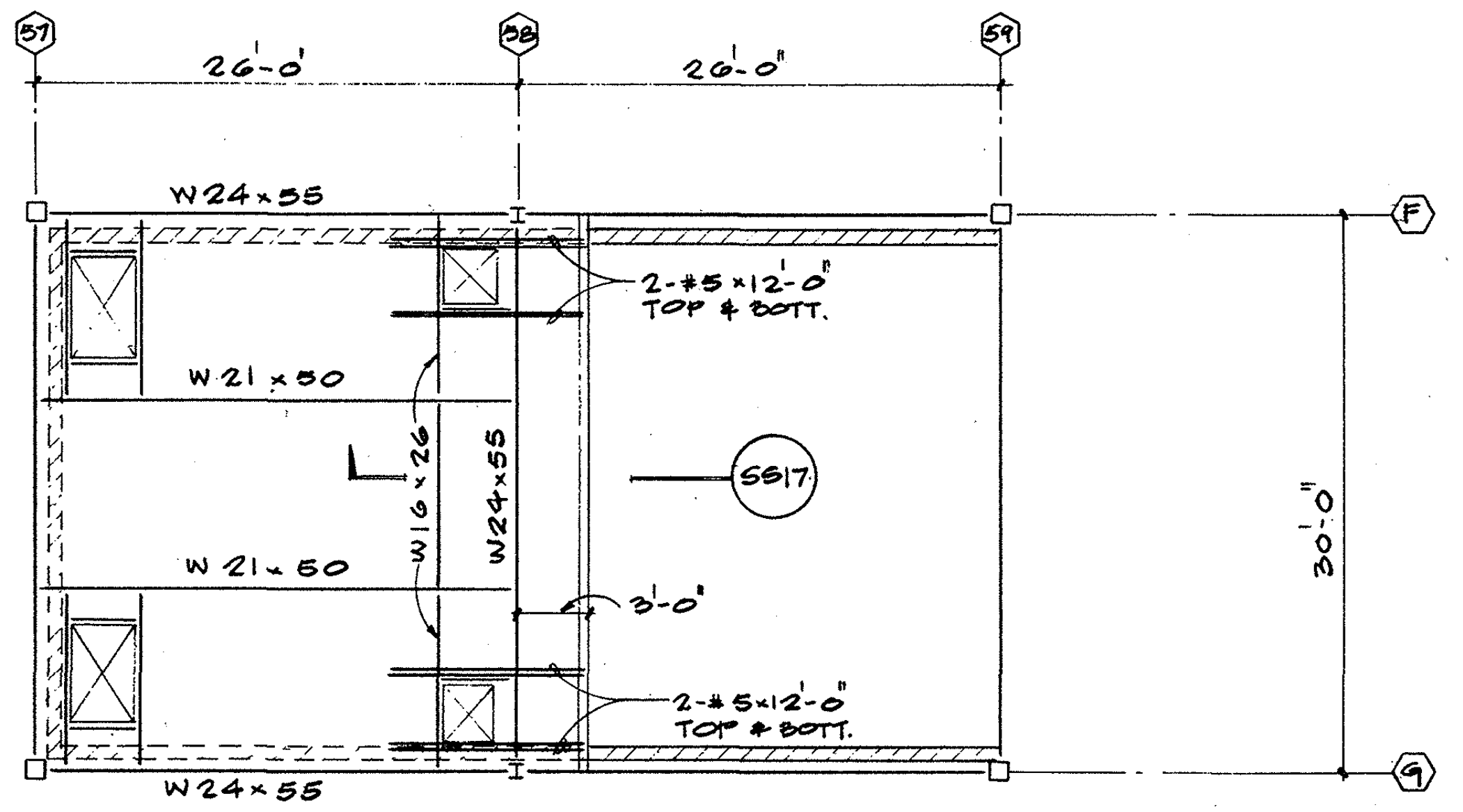


PARTIAL PLANS ARRIVAL LEVEL | AUG.25,82 | SS-9



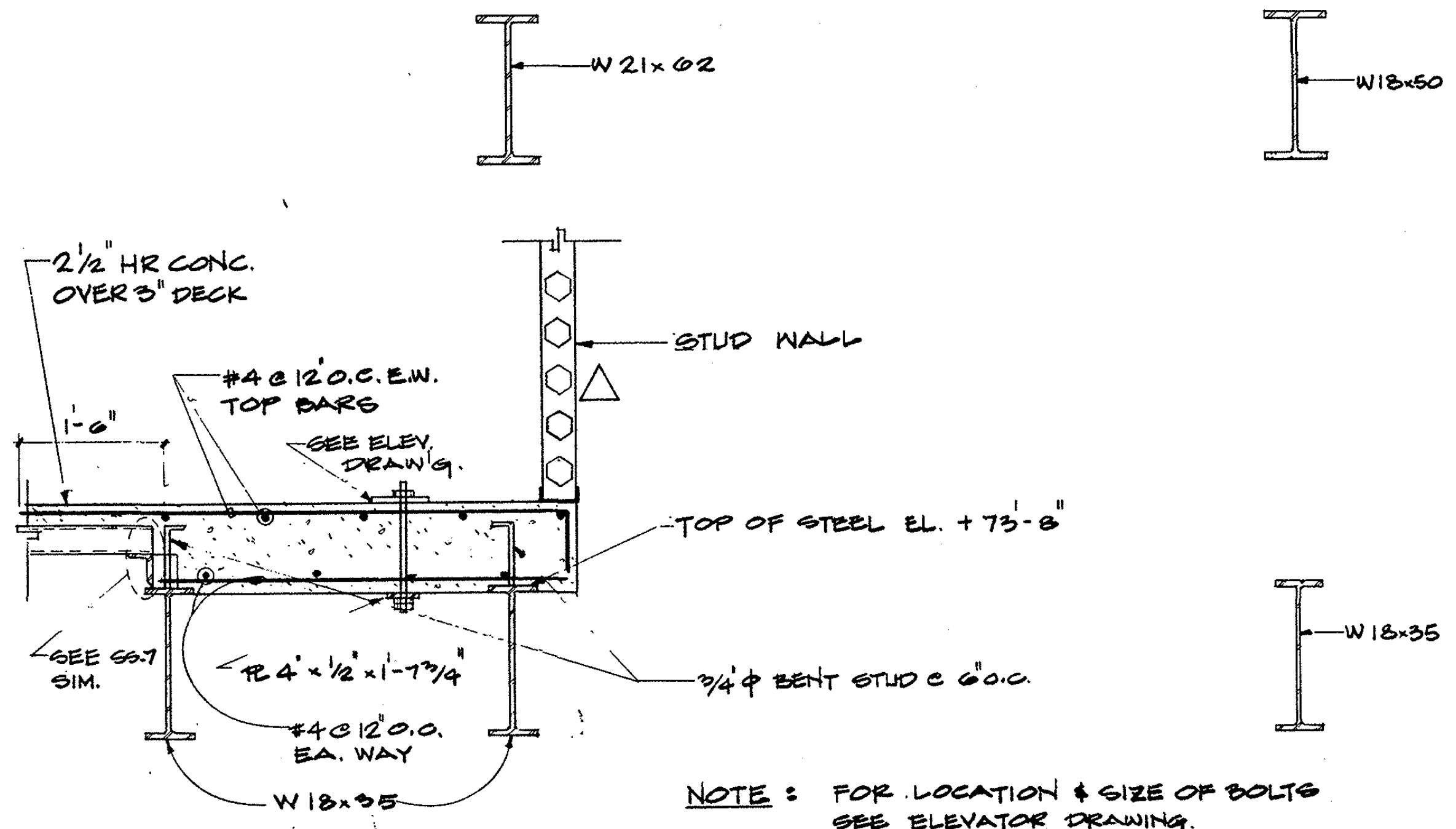
SECTION
SCALE: 3/4" = 1'-0"

UPPER MECH. FLOOR EXTENSION | OCT 4,'82 | SS17



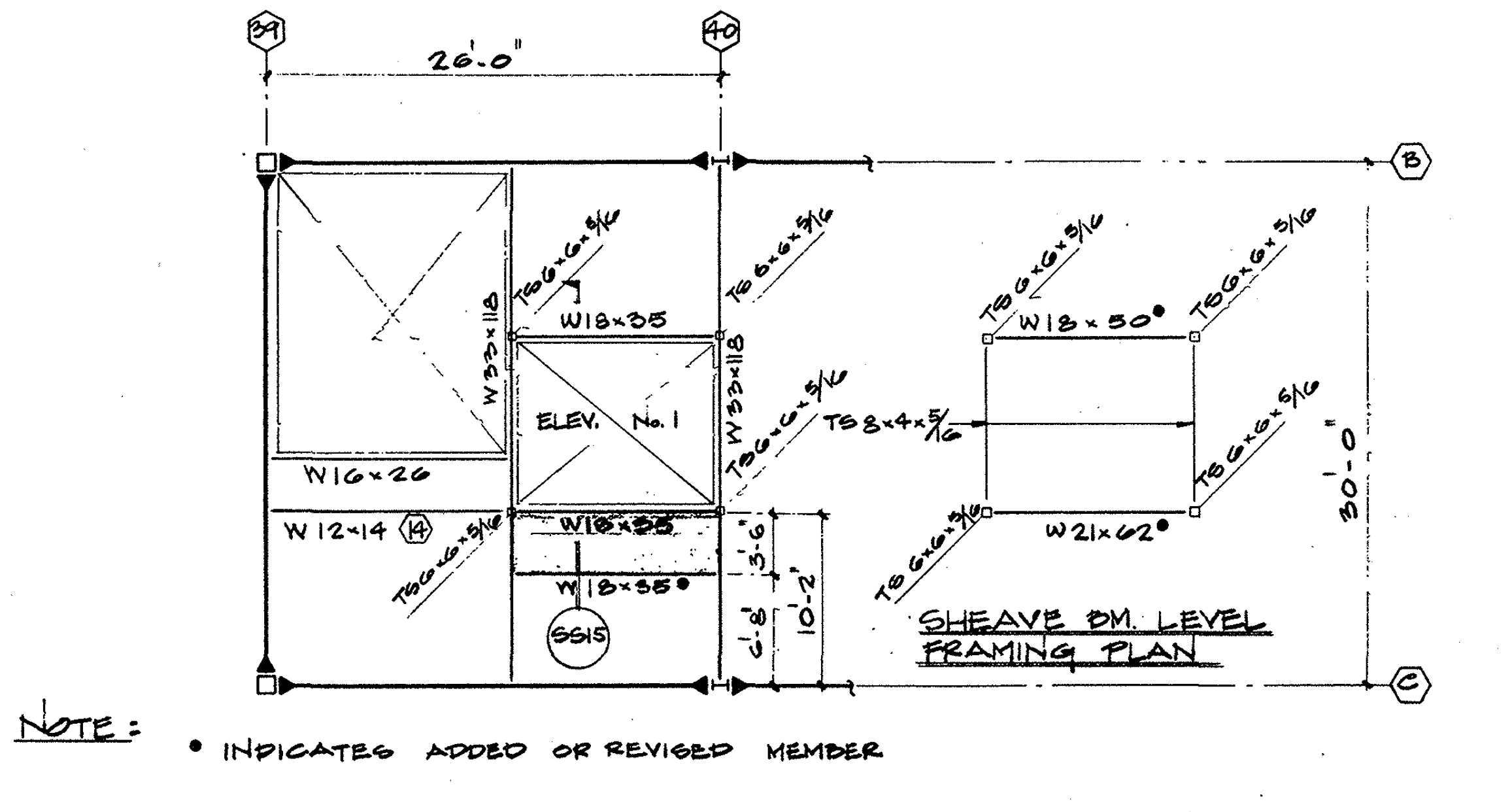
PARTIAL - UPPER MECH. FLOOR FRAMING PLAN
FAN ROOM No. 6 (No. 5 OPP.)

UPPER MECH. FLOOR EXTENSION | OCT 4,'82 | SS16



NOTE: FOR LOCATION & SIZE OF BOLTS SEE ELEVATOR DRAWING.

ELEVATOR No. 1 FRAMING | △ OCT 18 '82 | OCT 4,'82 | SS15



SHEAVE BM LEVEL FRAMING PLAN

NOTE: • INDICATES ADDED OR REVISED MEMBER

PARTIAL - LOWER MECH. FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

ELEVATOR No. 1 FRAMING PLAN | OCT 4 '82 | SS14

NOTE: THIS SHEET FIRST ISSUED NOVEMBER 1, 1982

0029664

△	3-21-85	AS BUILT DRAWING

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record
Project Architect
Date
Engineer
Date

Pereira Dworsky Sinclair Williams
5657 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90036
A JOINT VENTURE

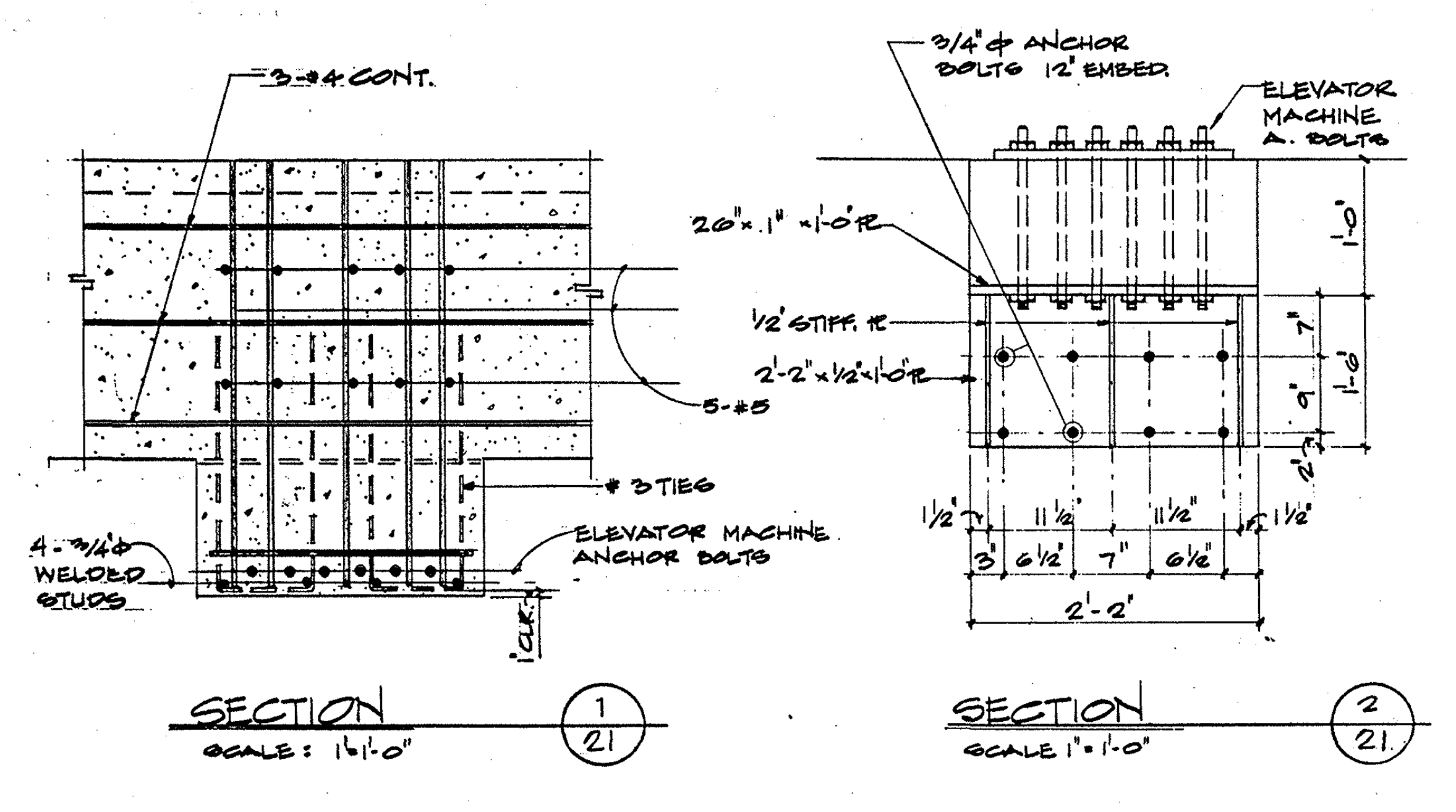
City of Los Angeles
Department of Airport
Date

West Terminal
Los Angeles International Airport

Project
Drawing Title
MISC. SECTIONS & DETAILS
Department of Airports Drawing No.

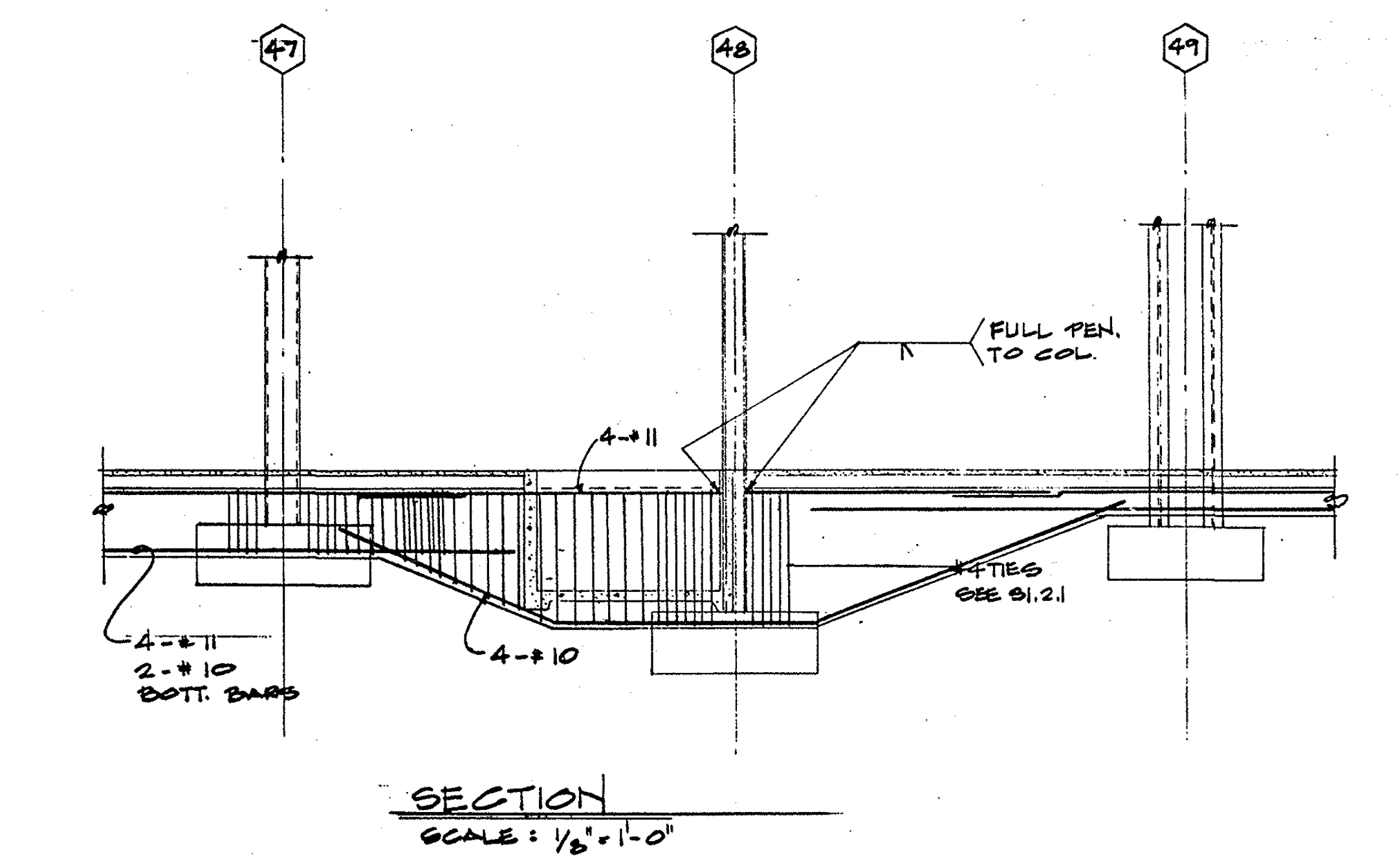
Designed by
Drawn by
Chief Architect
PDSW Project No. 79000

Drawing No.
S7.1.1
Sheet of Sheets

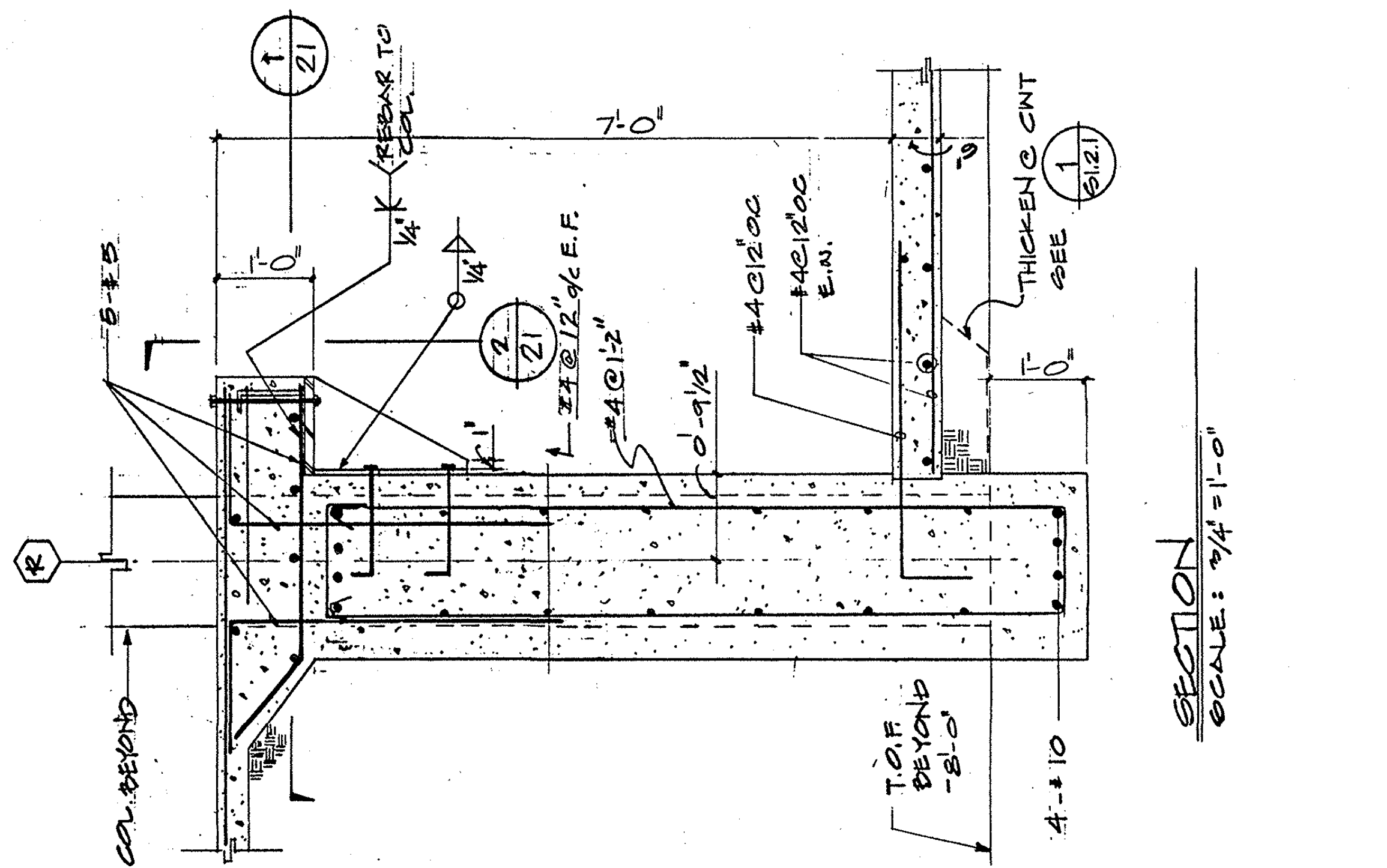


NOTE: FOR SIZE & SPACING OF ELEVATOR MACHINE ANCHOR BOLTS SEE ELEVATOR'S DRAWING

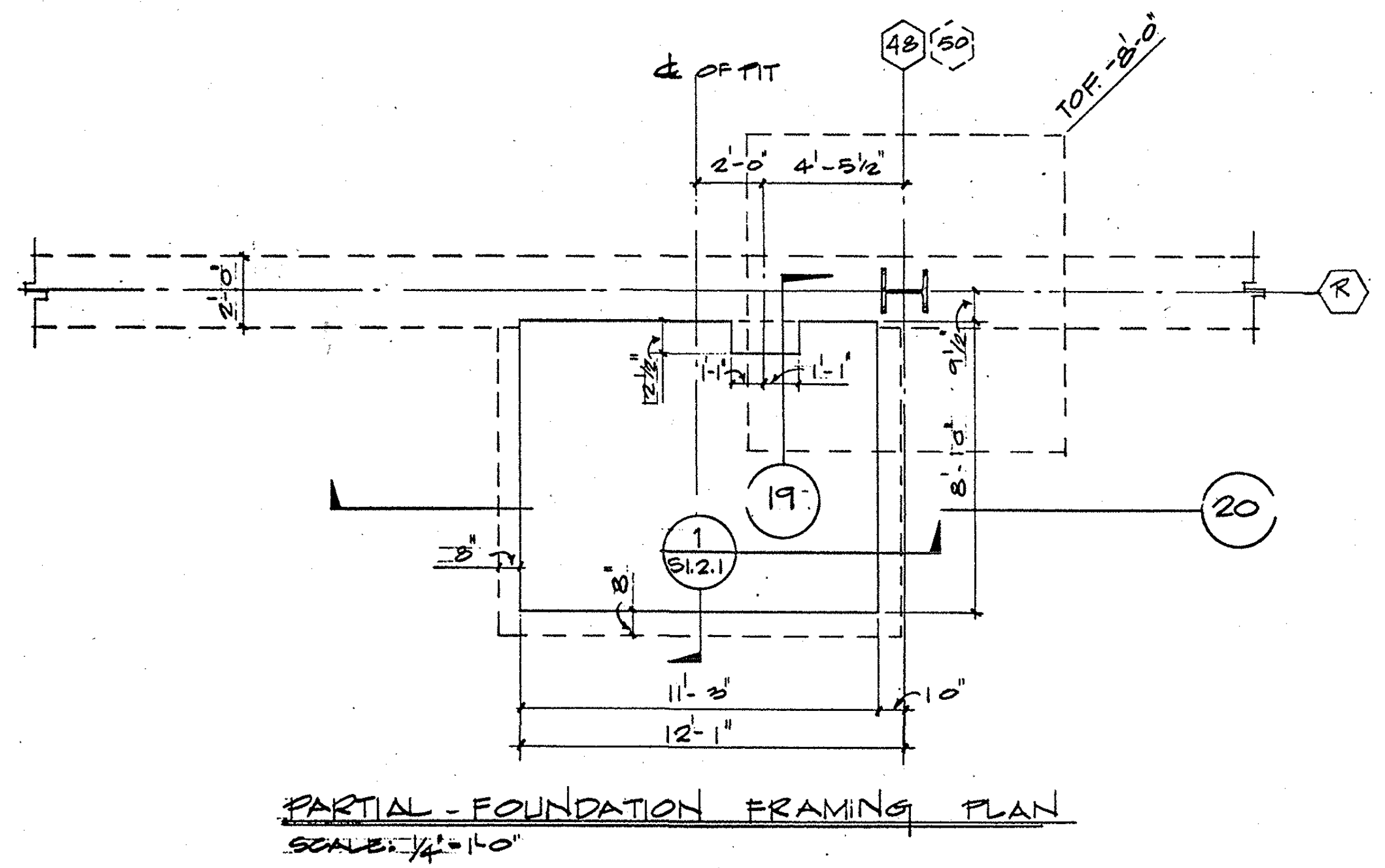
ELEVATOR No. 12 & 13 FRAMING | OCT.27.'82 | SS-21



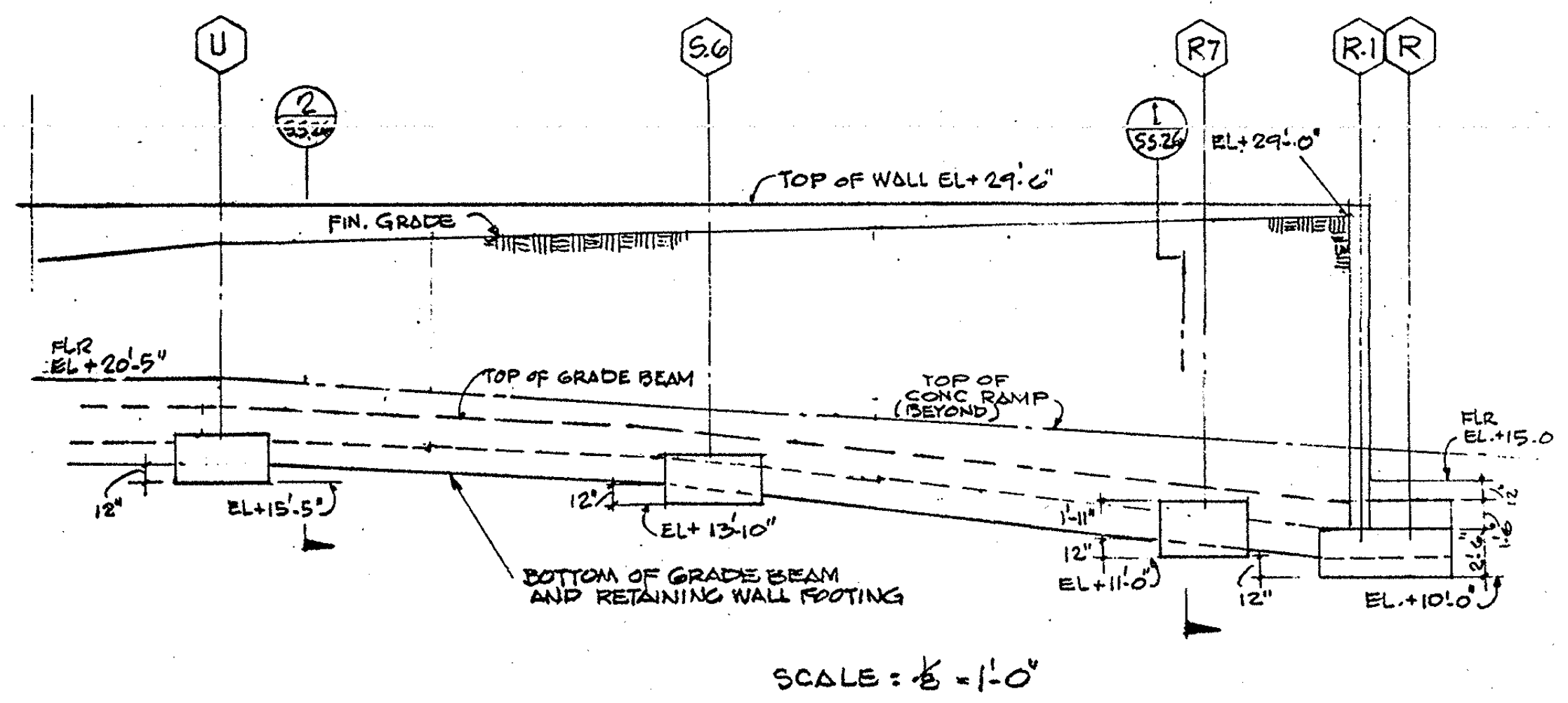
ELEVATOR No 12 & 13 FRAMING | OCT.27.'82 | SS-20



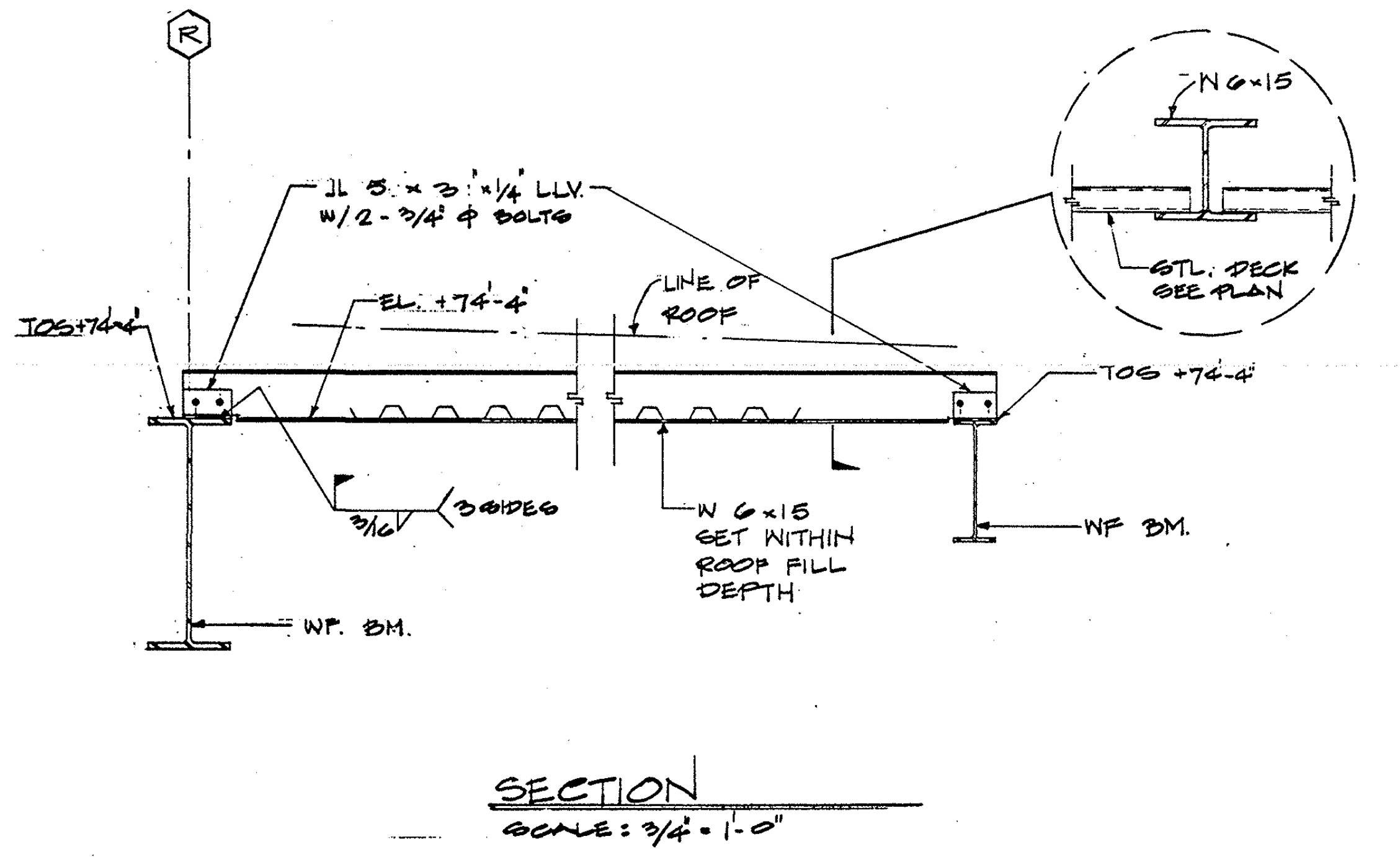
ELEVATOR No 12 & 13 FRAMING | OCT.27.'82 | SS-19



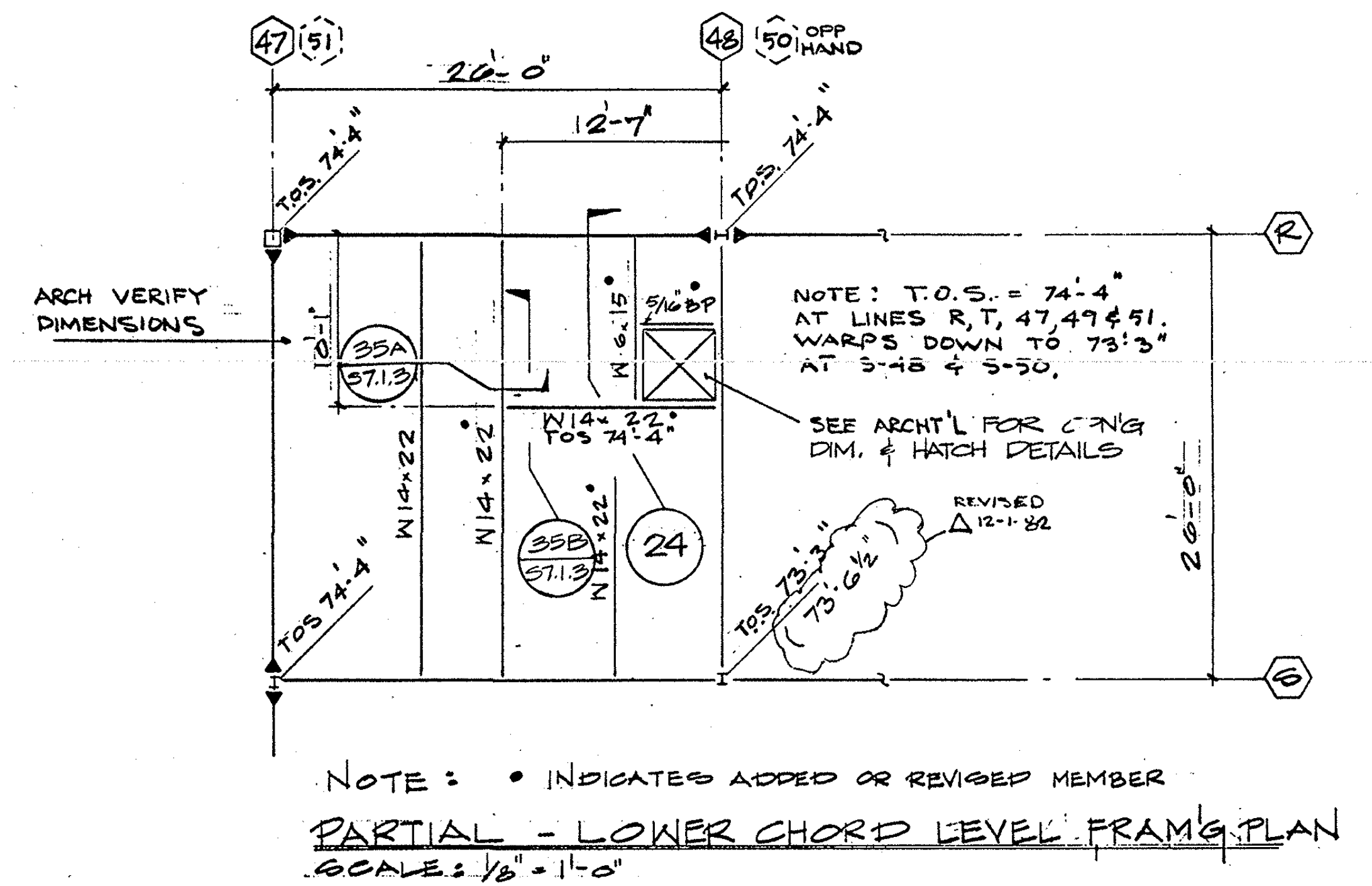
ELEVATOR No. 12 & No. 13 FRAMING | REVISED NOV. 9.'82 | SS-18



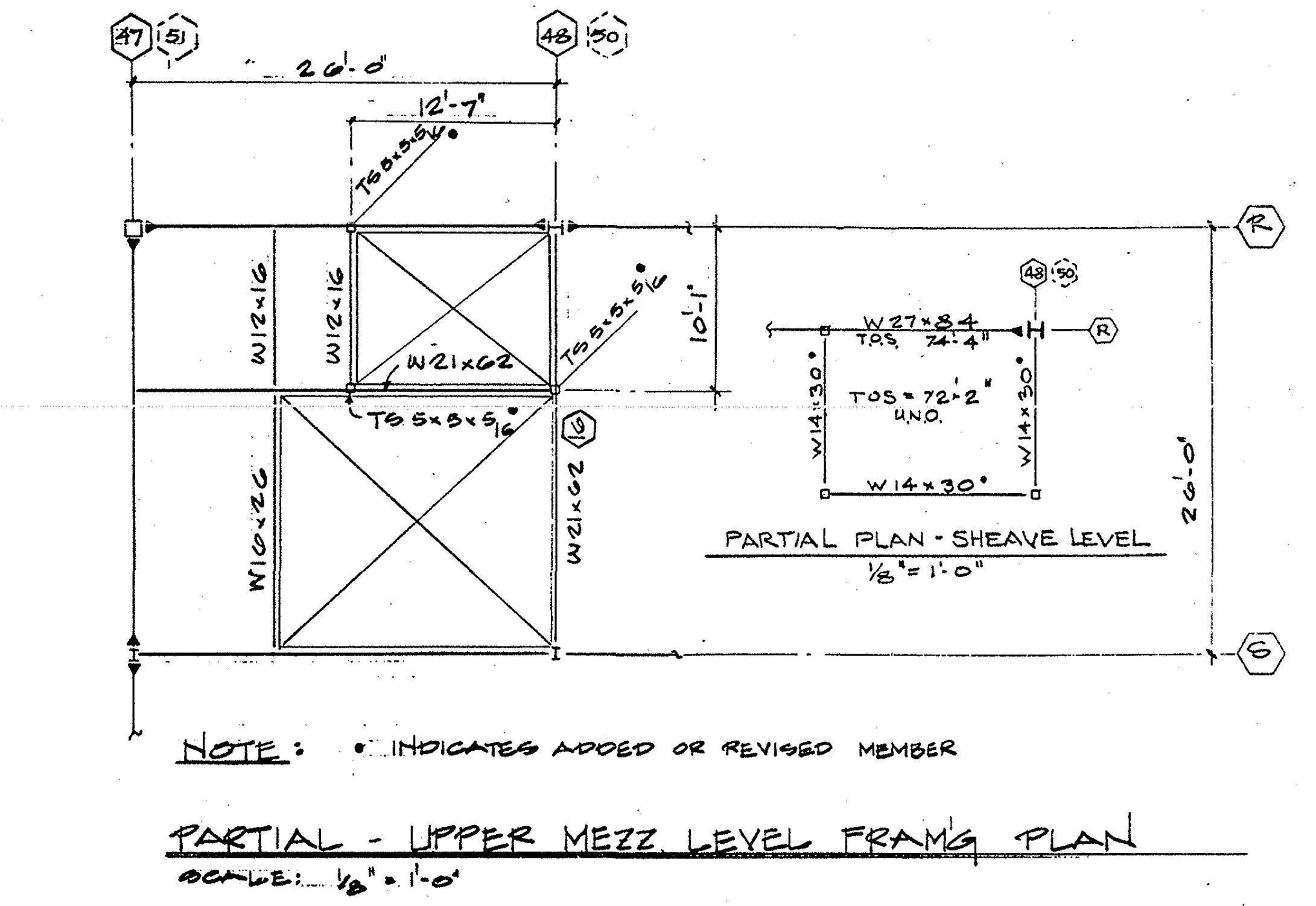
WALL ELEVATION ON LINE 37 | 11.5.82 | SS-25



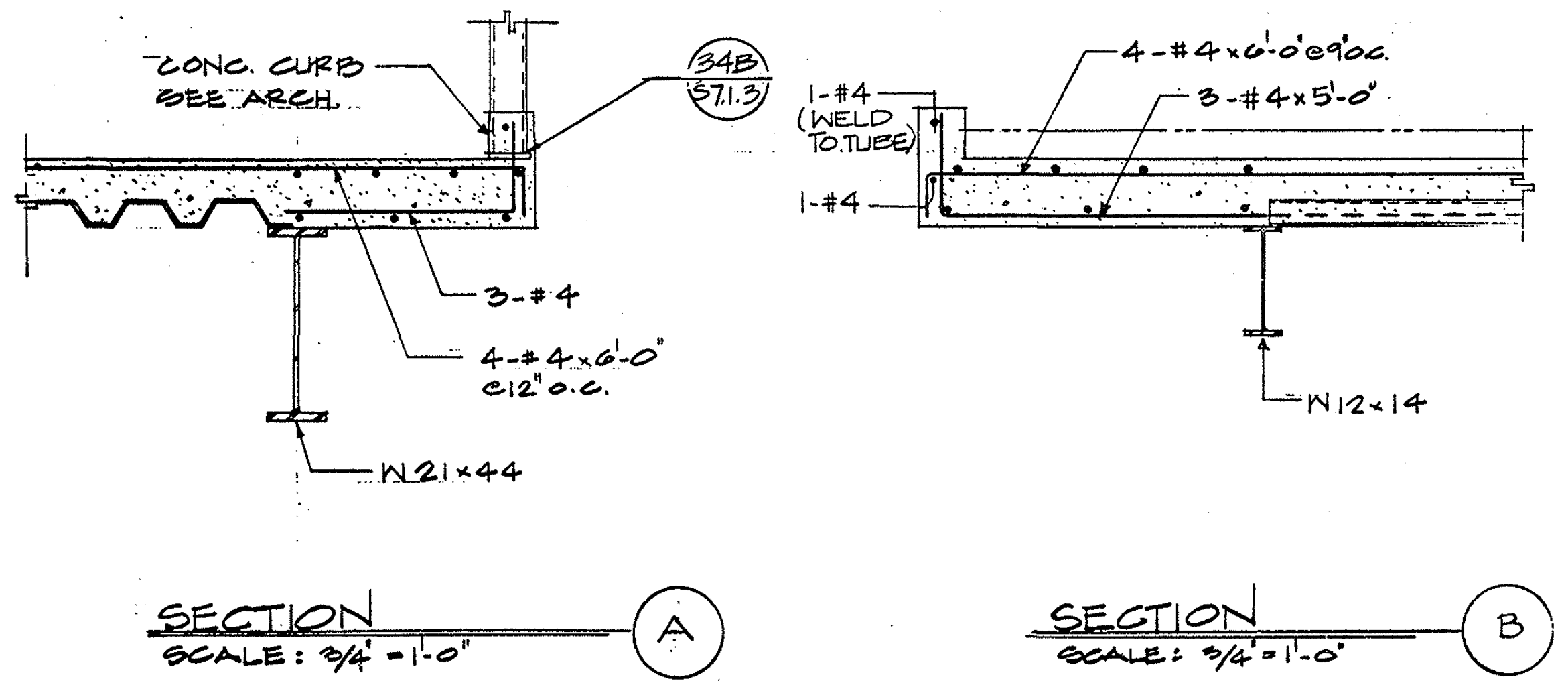
ELEVATOR, No 12 & 13 FRAMING | OCT.27.'82 | SS-24


47 51
48 50 OPP HAND
26'-0"
12'-7"
TOS 74'-4"
R
S
ARCH VERIFY DIMENSIONS
35A S7.13
NOTE: T.O.S. = 74'-4" AT LINES R, T, 47, 47 & 51, WARPS DOWN TO 73'-3" AT S-48 & S-50.
SEE ARCH'L FOR C'NG DIM. & HATCH DETAILS
W14x22
TOS 74'-4"
W16x22
W16x26
35B S7.13
24
REVISED 11-9-82
TOS 73'-3"
NOTE: • INDICATES ADDED OR REVISED MEMBER
PARTIAL - LOWER CHORD LEVEL FRAM'G PLAN
SCALE: 1/8"=1'-0"

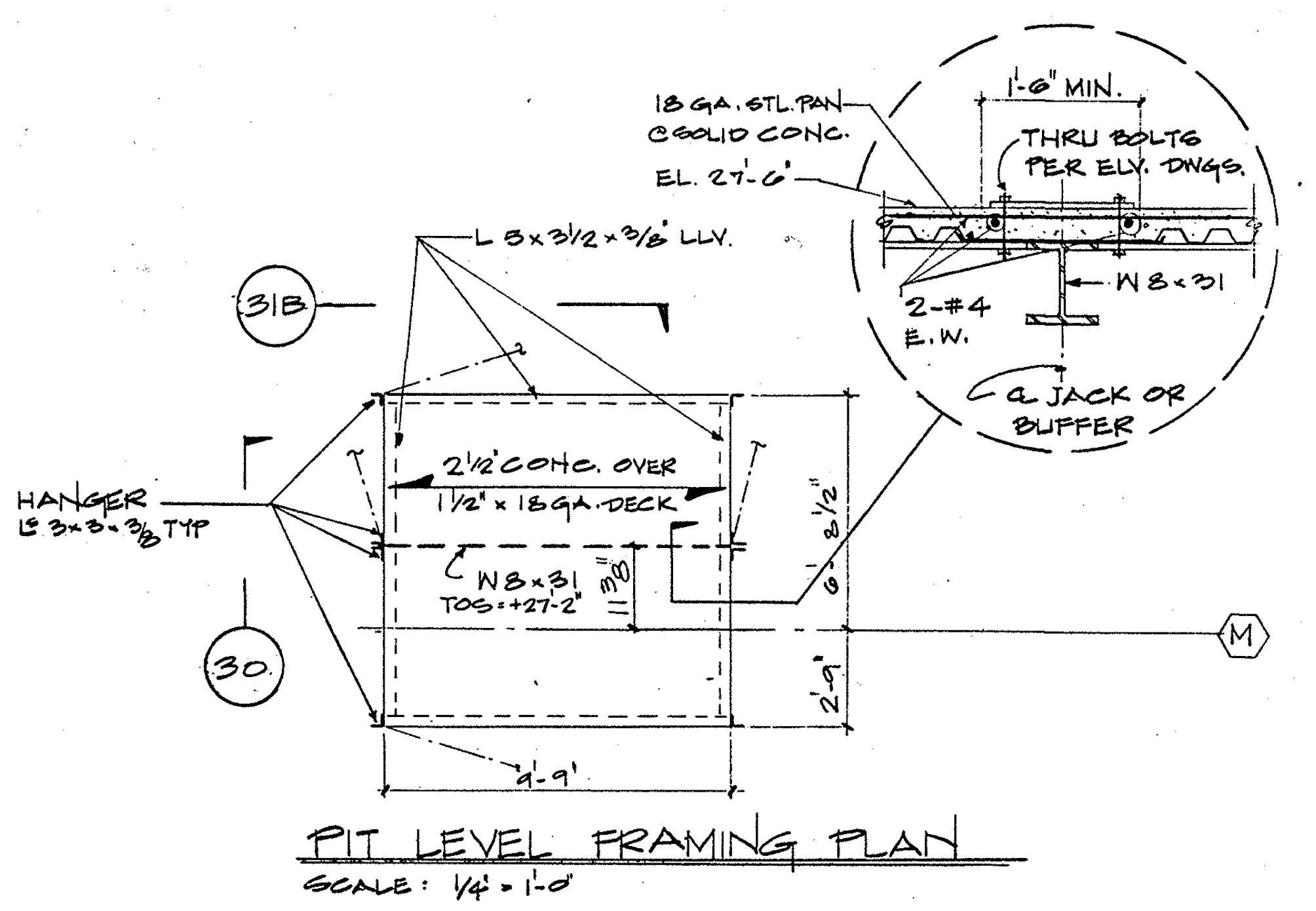
ELEVATOR No 12 & 13 FRAMING | REVISED NOV 9, '82 | SS-23



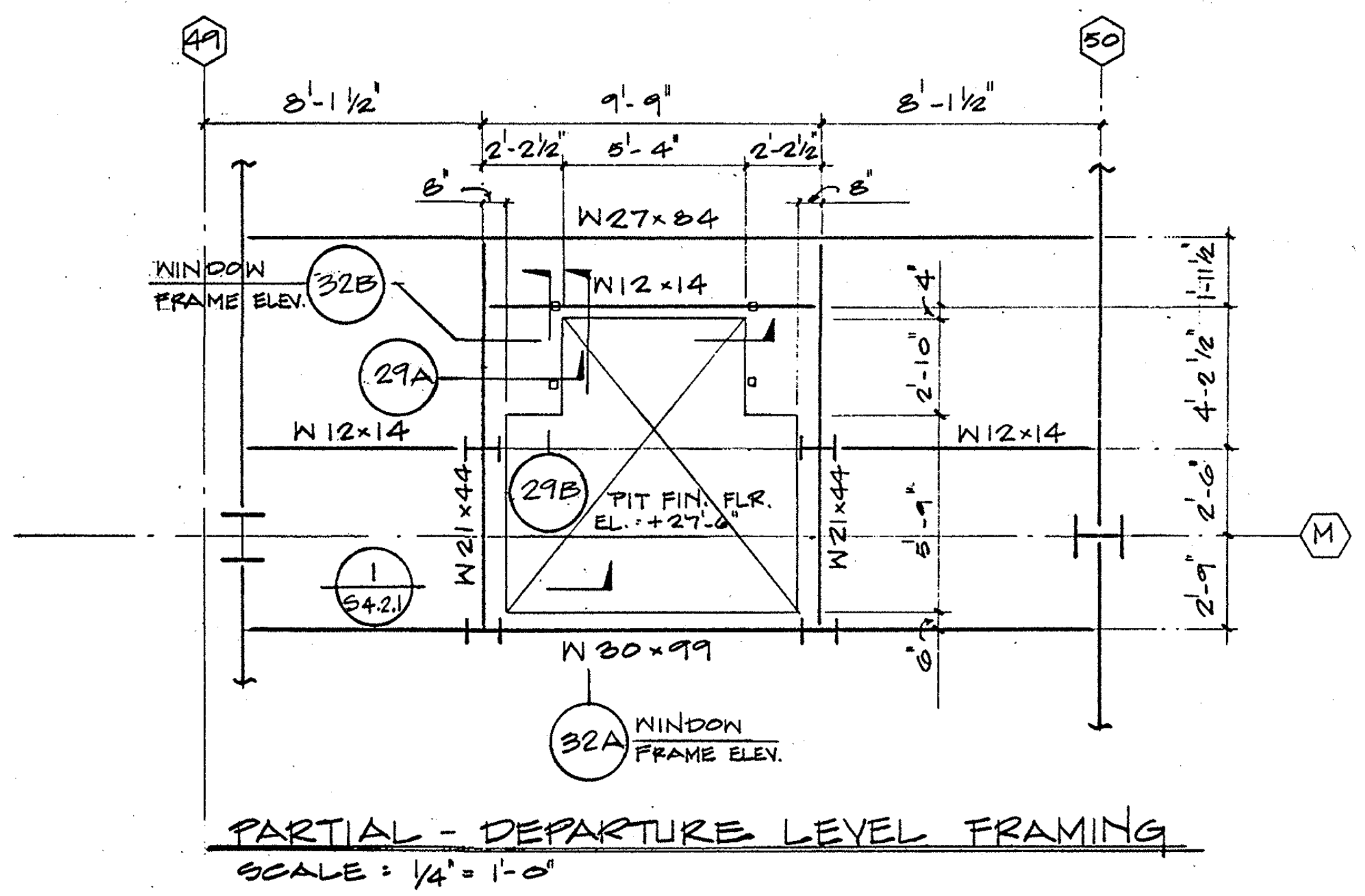
ELEVATOR No. 12 & 13 FRAM'G. | REVISED NOV. 19, '82 | SS-22



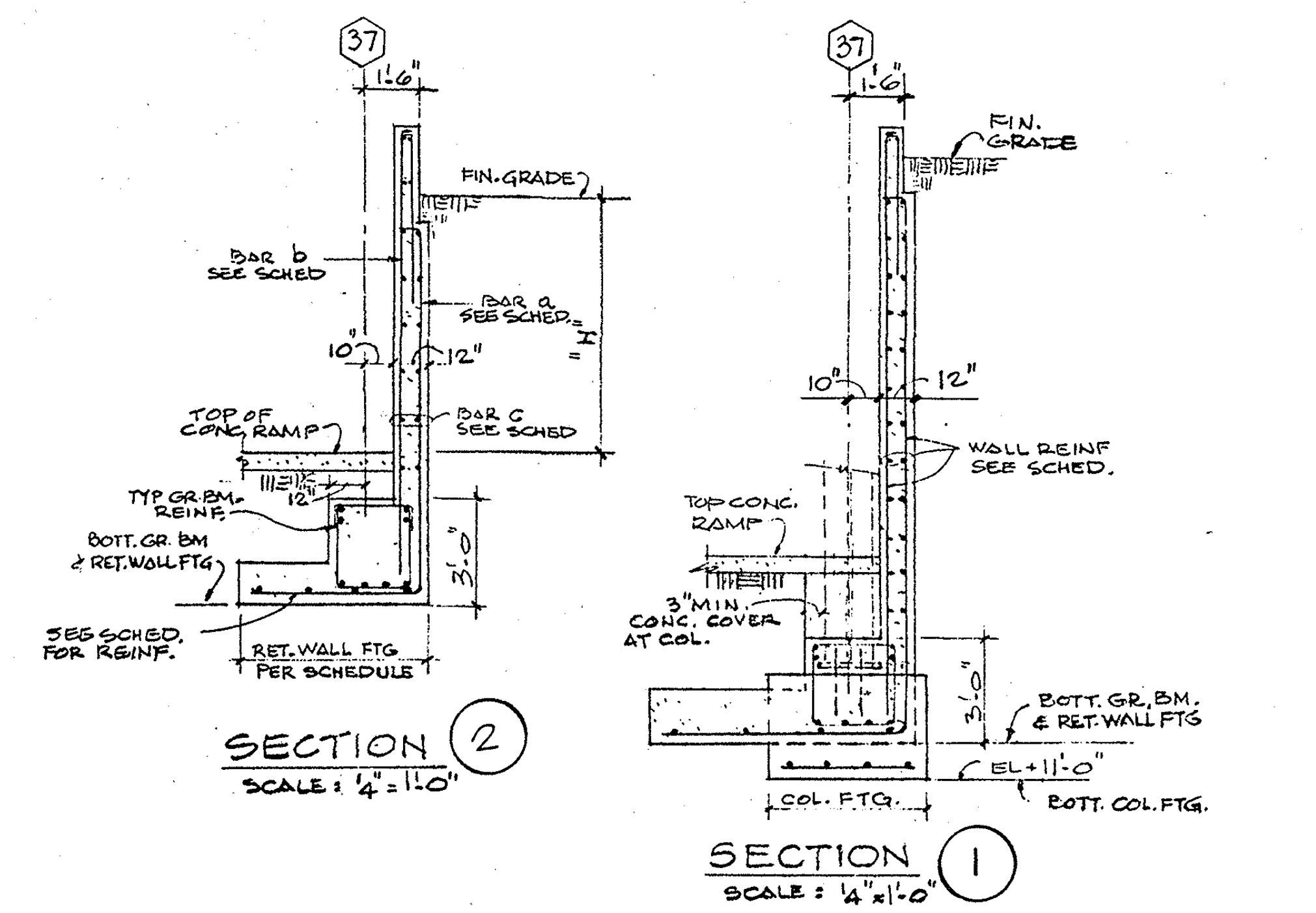
ELEVATOR No. 9 FRAMING | Nov.5.'82 | SS-29



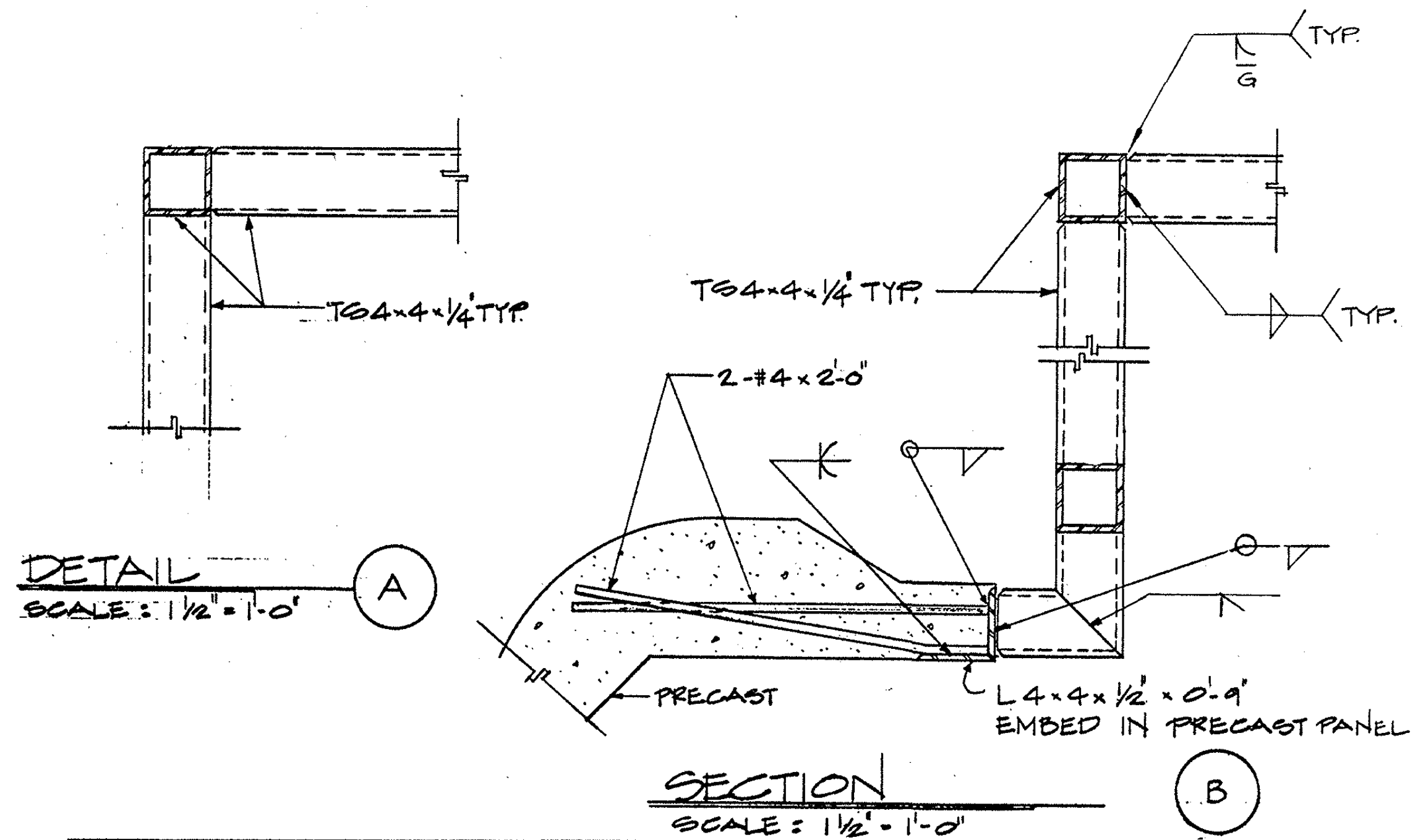
ELEVATOR No 9 FRAMING | Nov.5.'82 | SS-28



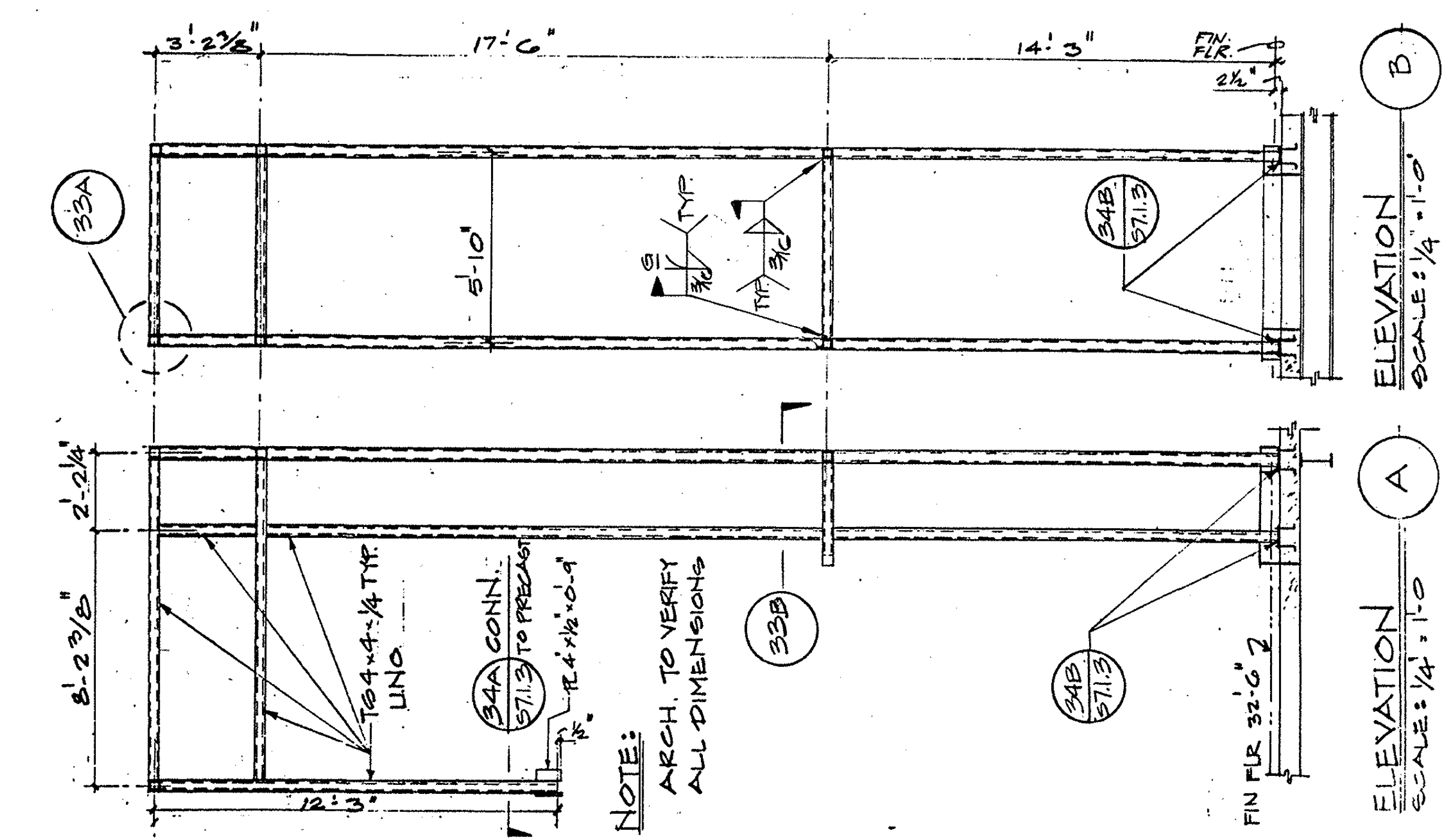
ELEVATOR No. 9 FRAMING | Nov.5.'82 | SS-27



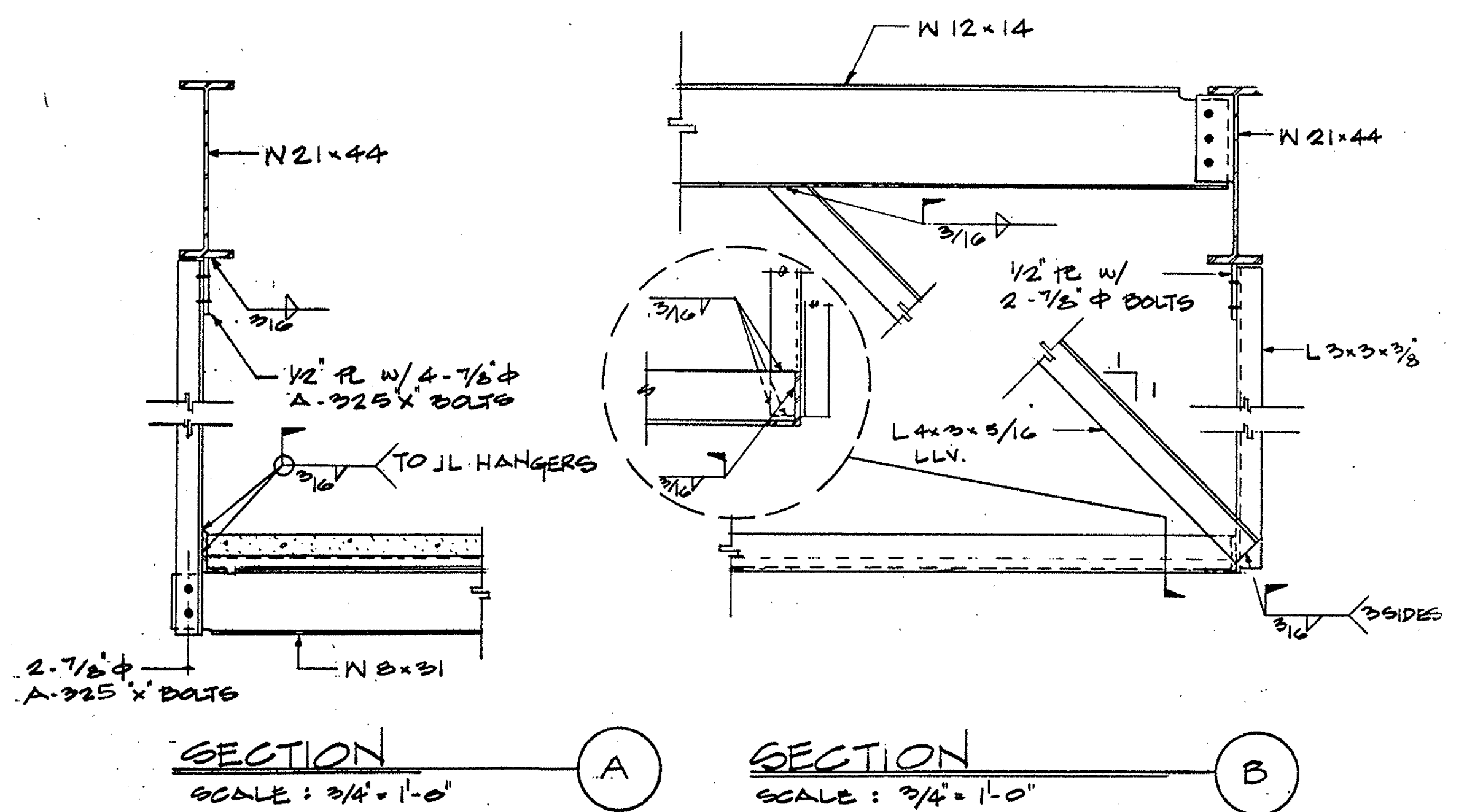
WALL SECTIONS | 11.5.82 | SS.26



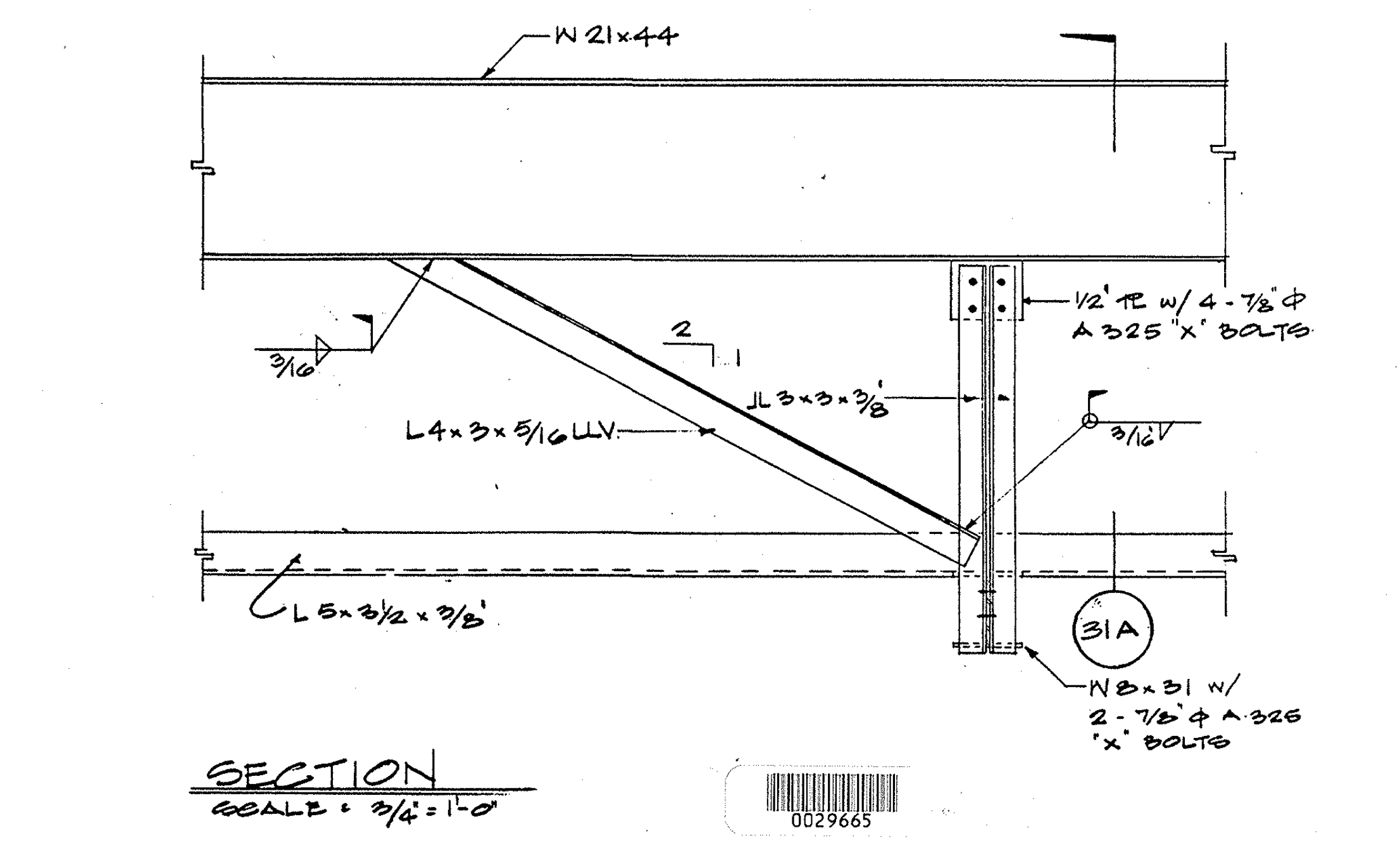
ELEVATOR No.9 WINDOW FRAME SUPPORT | Nov.5.'82 | SS-33



ELEVATOR No.9 WINDOW FRAME SUPPORT | REVISED FEB.4.'83 | SS-32



ELEVATOR No. 9 FRAMING | Nov.5.'82 | SS-31



ELEVATOR No. 9 FRAMING | Nov.5.'82 | SS-30

DRAWING TRANSMITTED FOR ISSUE FEB. 4, 1984

1 | 3-21-85 | AS BUILT DRAWING

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record
Project Architect
Date
Engineer
Date

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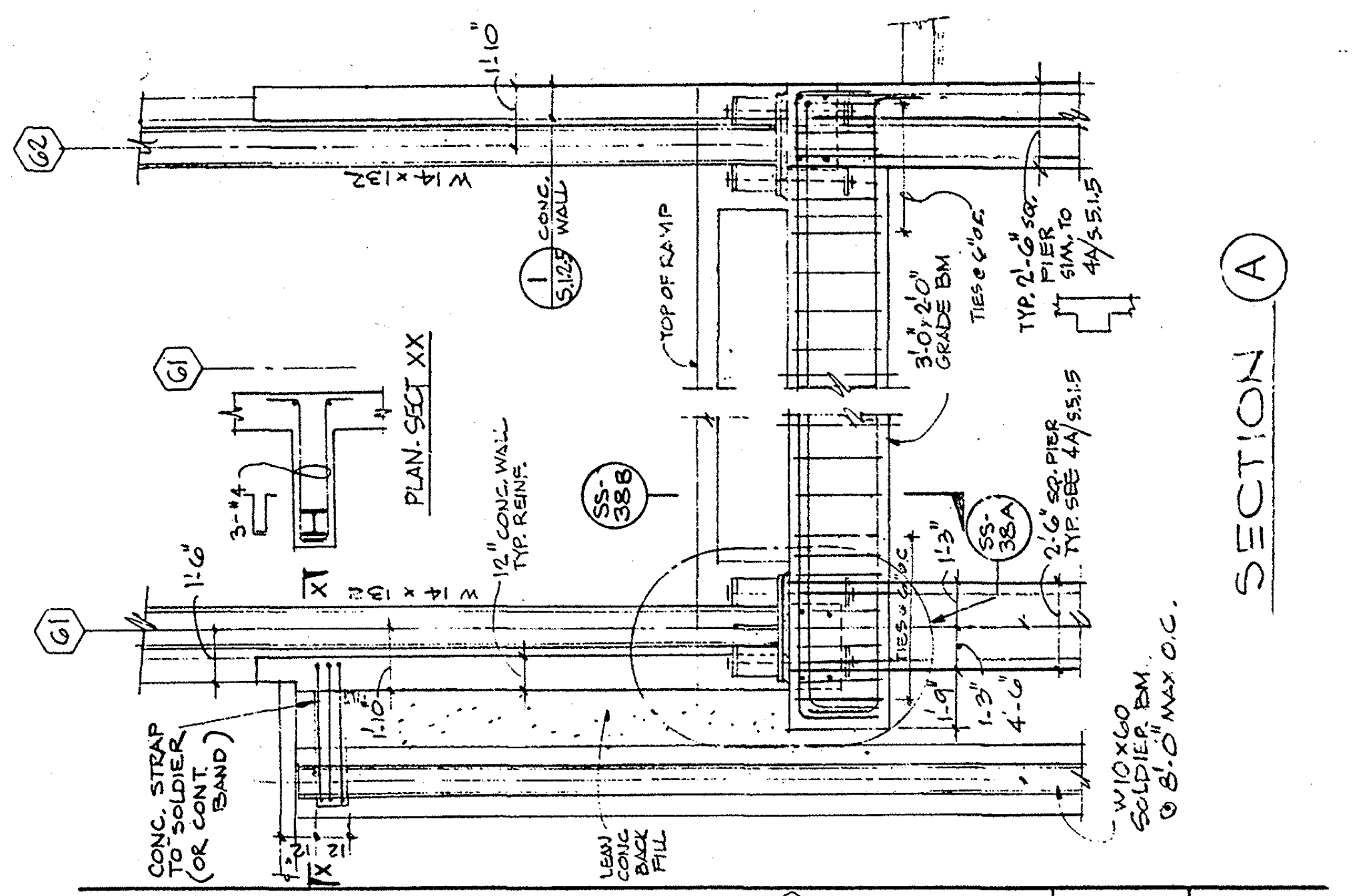
City of Los Angeles
Department of Airports
Date

West Terminal
Los Angeles International Airport

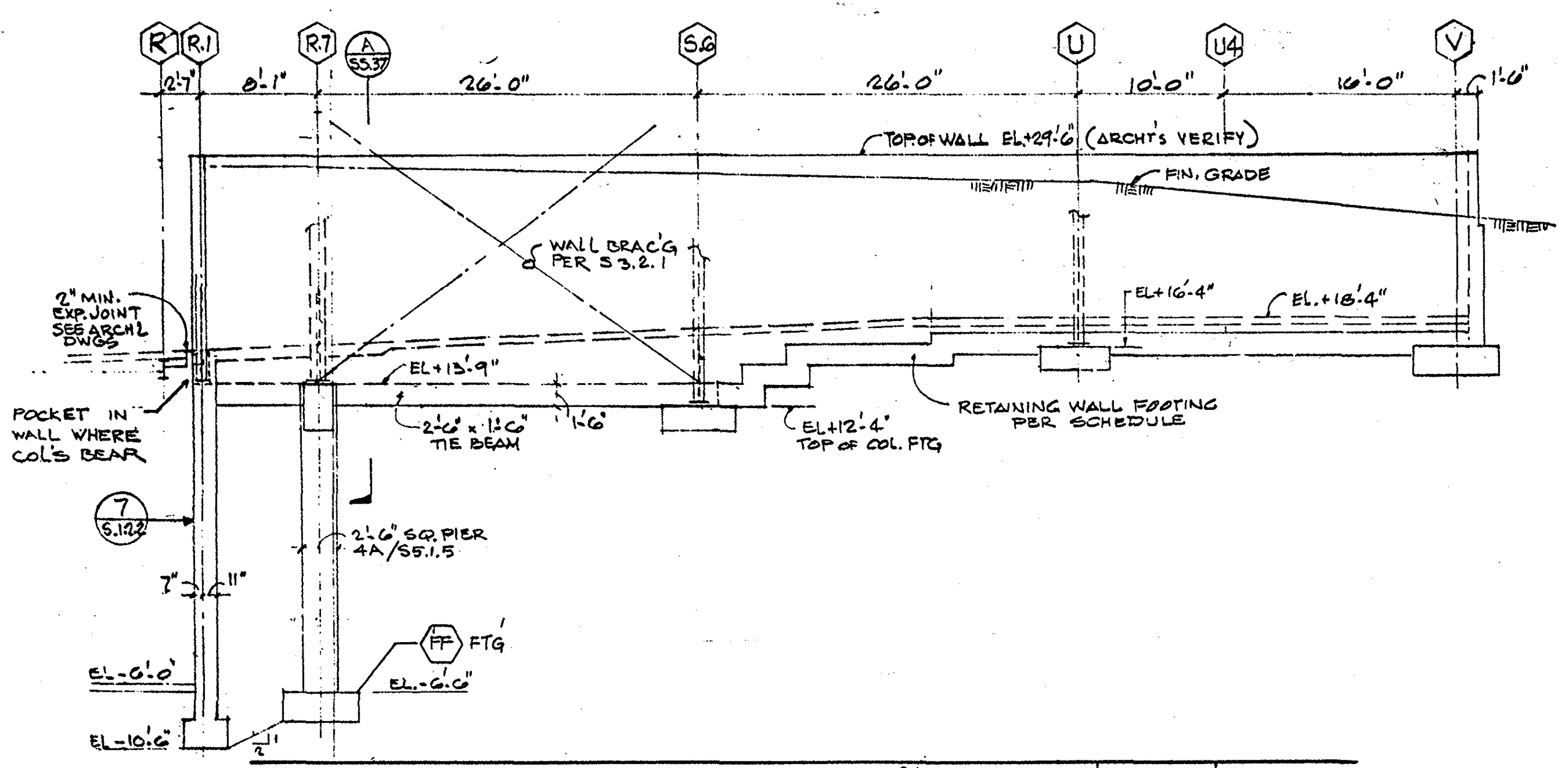
Project
Drawing Title MISC. SECTIONS & DETAILS
Department of Airports Drawing No.

Designed by
Drawn by
Chief Architect
PDSW Project No. 79000

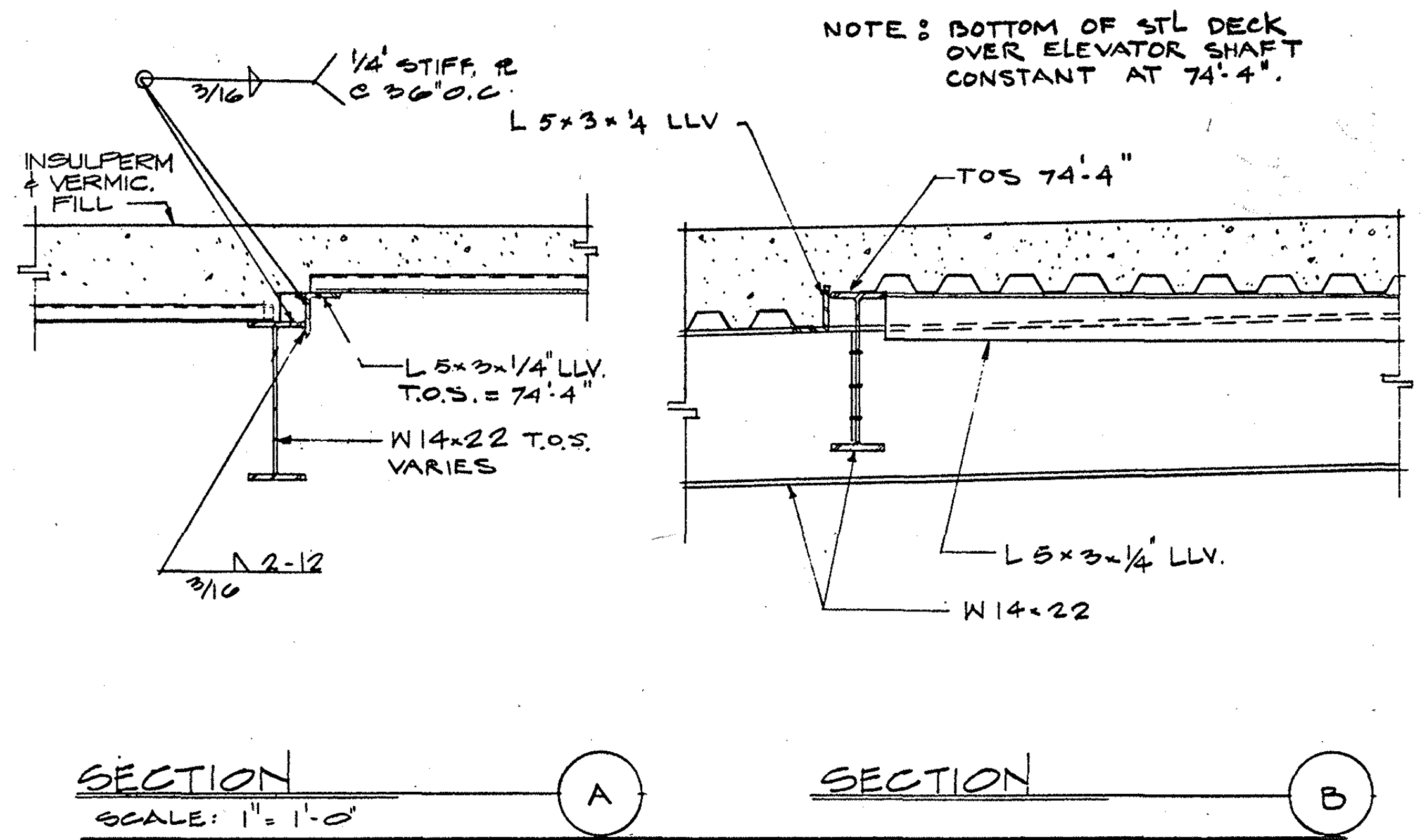
Drawing No. S7.1.2
Sheet of Sheets



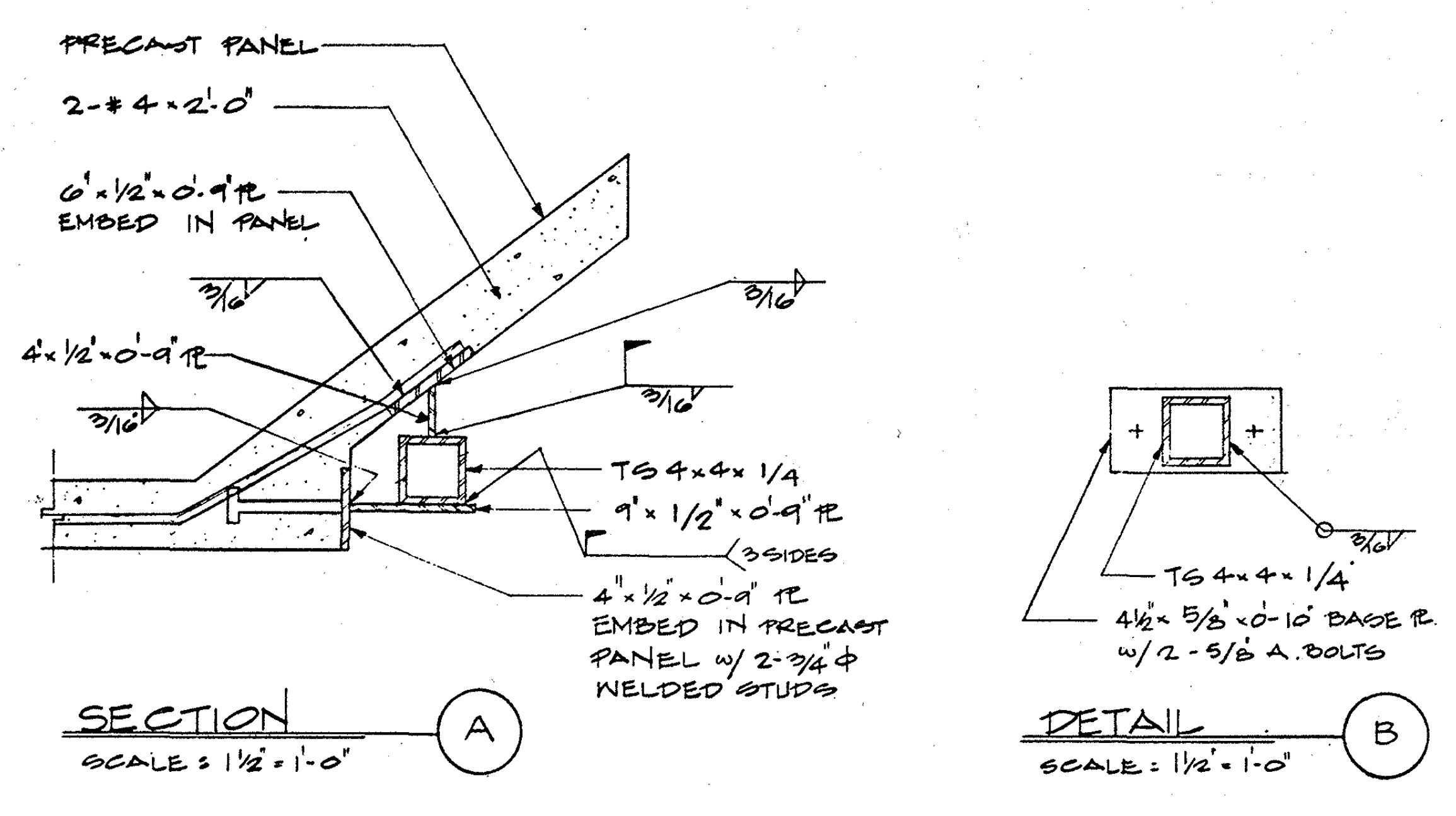
SECTION THRU RAMP AT LINE (R7) SCALE: 1/4"=1'-0" | 11-15-82 | SS-37


26'-0"
26'-0"
10'-0"
16'-0"
TOP OF WALL EL.+29'-6" (ARCH'S VERIFY)
FIN. GRADE
WALL BRAC'G PER S3.2.1
EL.+16'-4"
EL.+18'-4"
2" MIN. EXP. JOINT SEE ARCH'L DWGS.
POCKET IN WALL WHERE COL'S BEAR
EL.+13'-9"
2'-6"x1'-0" TIE BEAM
EL.+12'-6" TOP OF COL. FTG
RETAINING WALL FOOTING PER SCHEDULE
2'-6" SQ. PIER 4A/S5.1.5
PF FTG
EL.-6'-0"
EL.-10'-6"

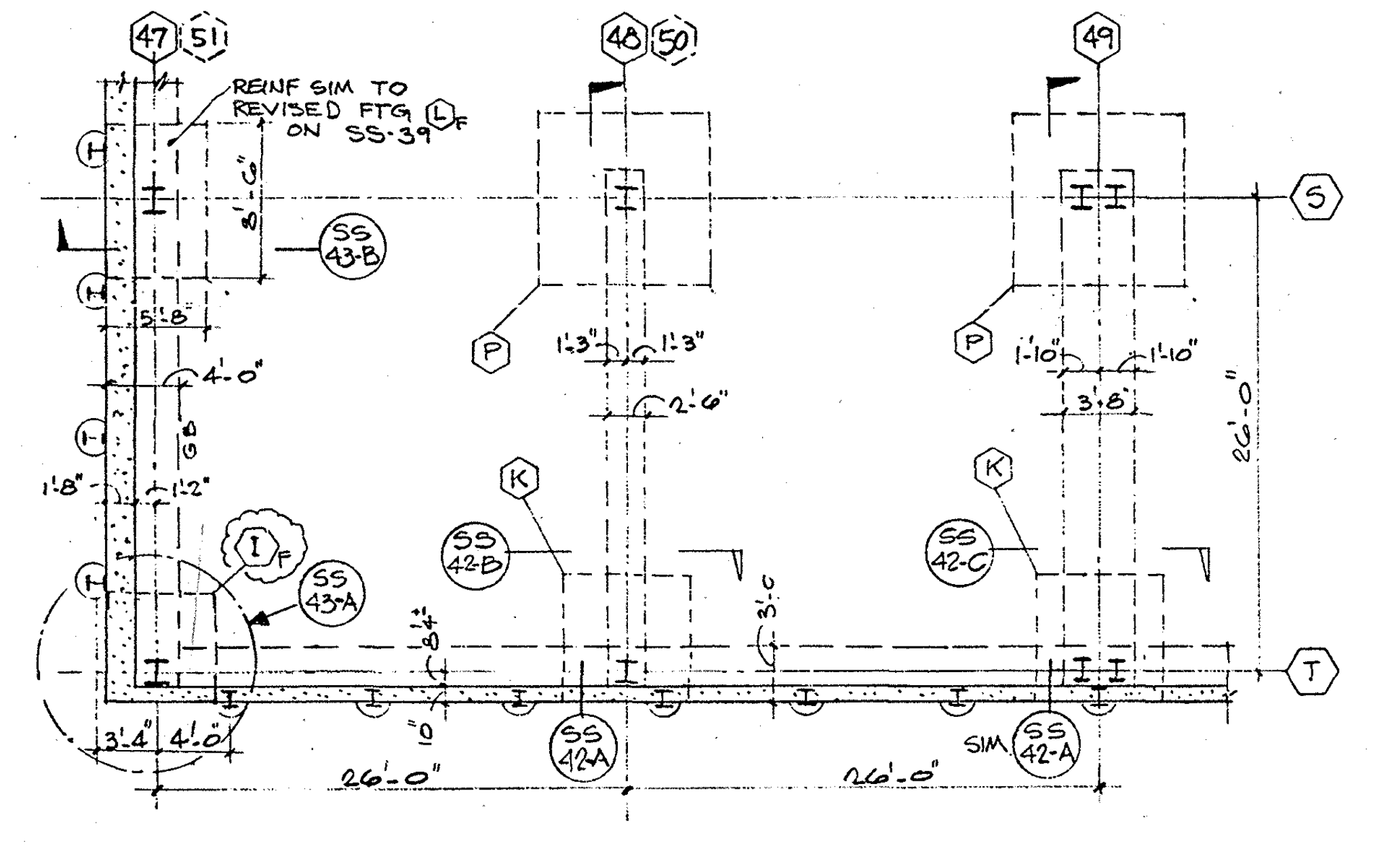
WALL ELEVATION ON LINE (61) SCALE: 1/8"=1'-0" | 11-15-82 | SS-36


NOTE: BOTTOM OF STL DECK OVER ELEVATOR SHAFT CONSTANT AT 74'-4".
1/4" STIFF. PL @ 36" O.C.
L 5x3x1/4 LLV
INSULPERM & VERMIC. FILL
T.O.S. 74'-4"
L 5x3x1/4 LLV. T.O.S. = 74'-4"
W14x22 T.O.S. VARIES
L 5x3x1/4 LLV.
W14x22
SECTION (A) SCALE: 1"=1'-0"
SECTION (B)

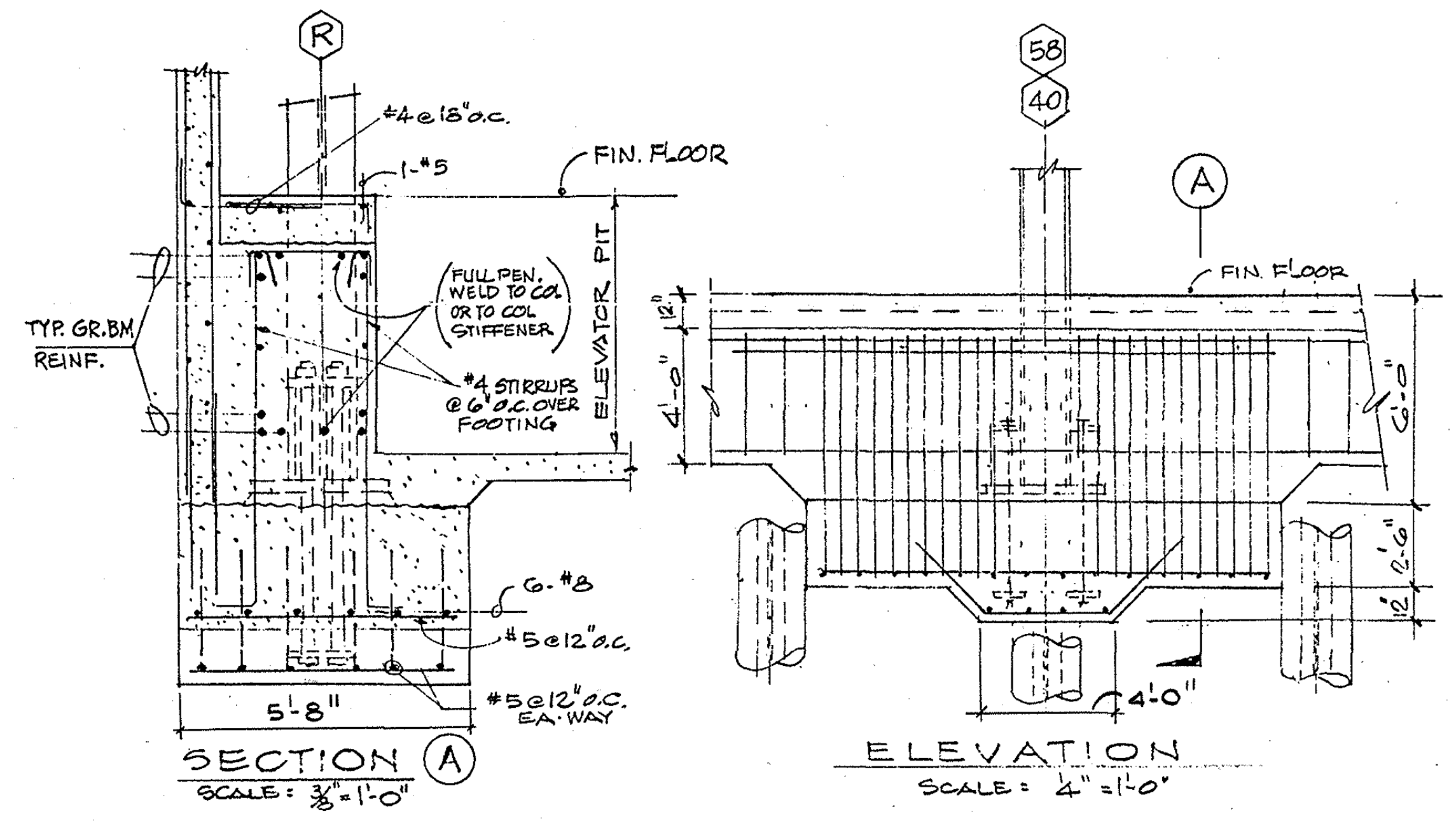
ELEVATOR No. 12 & 13 FRAMING | Nov. 9-82 | SS-35


PRECAST PANEL
2-#4x2'-0"
6"x1/2"x0'-9" PL EMBED IN PANEL
4"x1/2"x0'-9" PL
TS 4x4x1/4
4"x1/2"x0'-9" PL
3 SIDES
4"x1/2"x0'-9" PL EMBED IN PRECAST PANEL w/ 2-3/4" WELDED STUDS
TS 4x4x1/4
4 1/2"x5/8"x0'-10" BASE PL w/ 2-5/8" A. BOLTS
SECTION (A) SCALE: 1 1/2"=1'-0"
DETAIL (B) SCALE: 1 1/2"=1'-0"

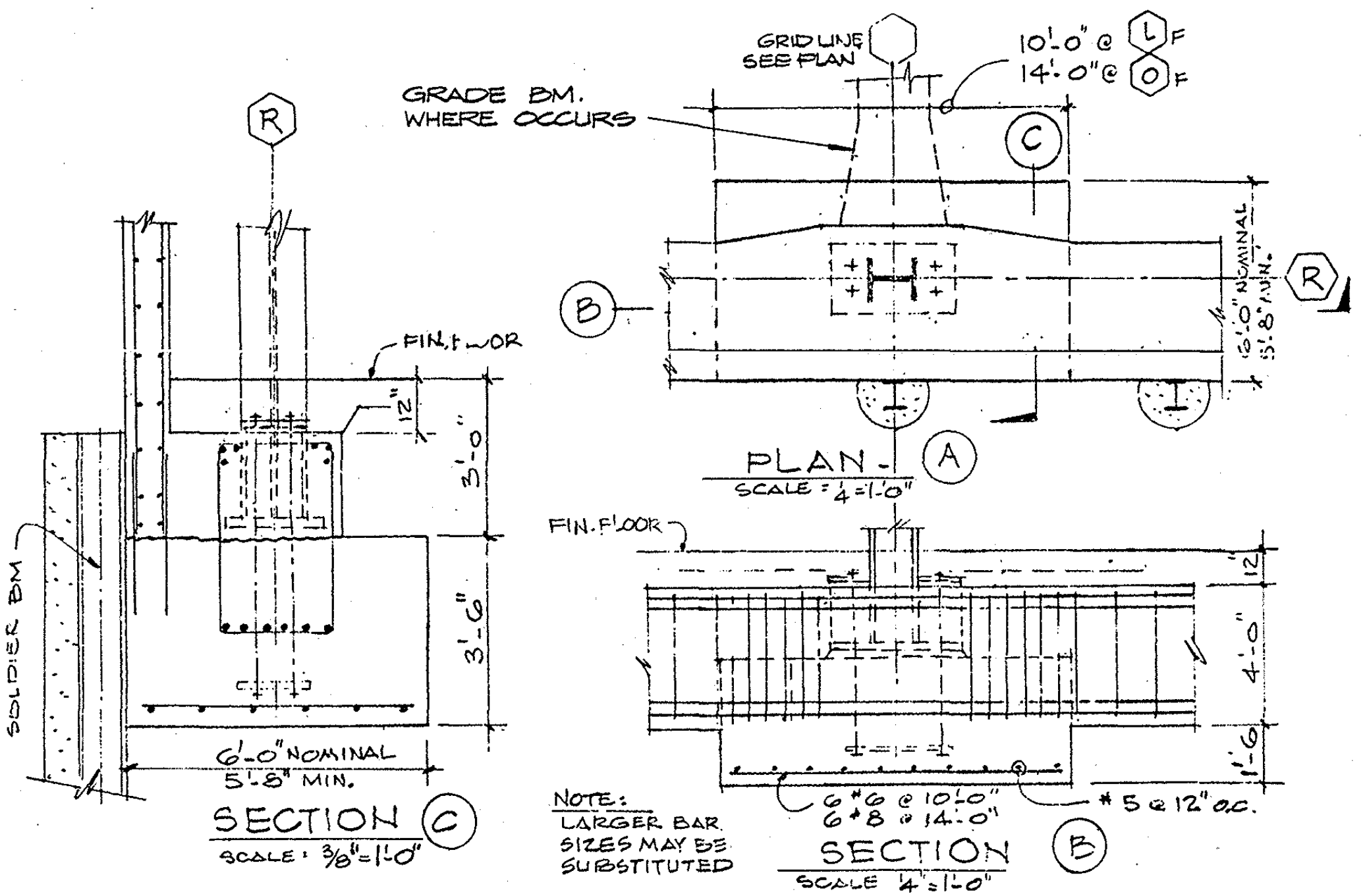
ELEVATOR No. 9 WINDOW FRAME SUPPORT | NOV. 5-82 | SS-34



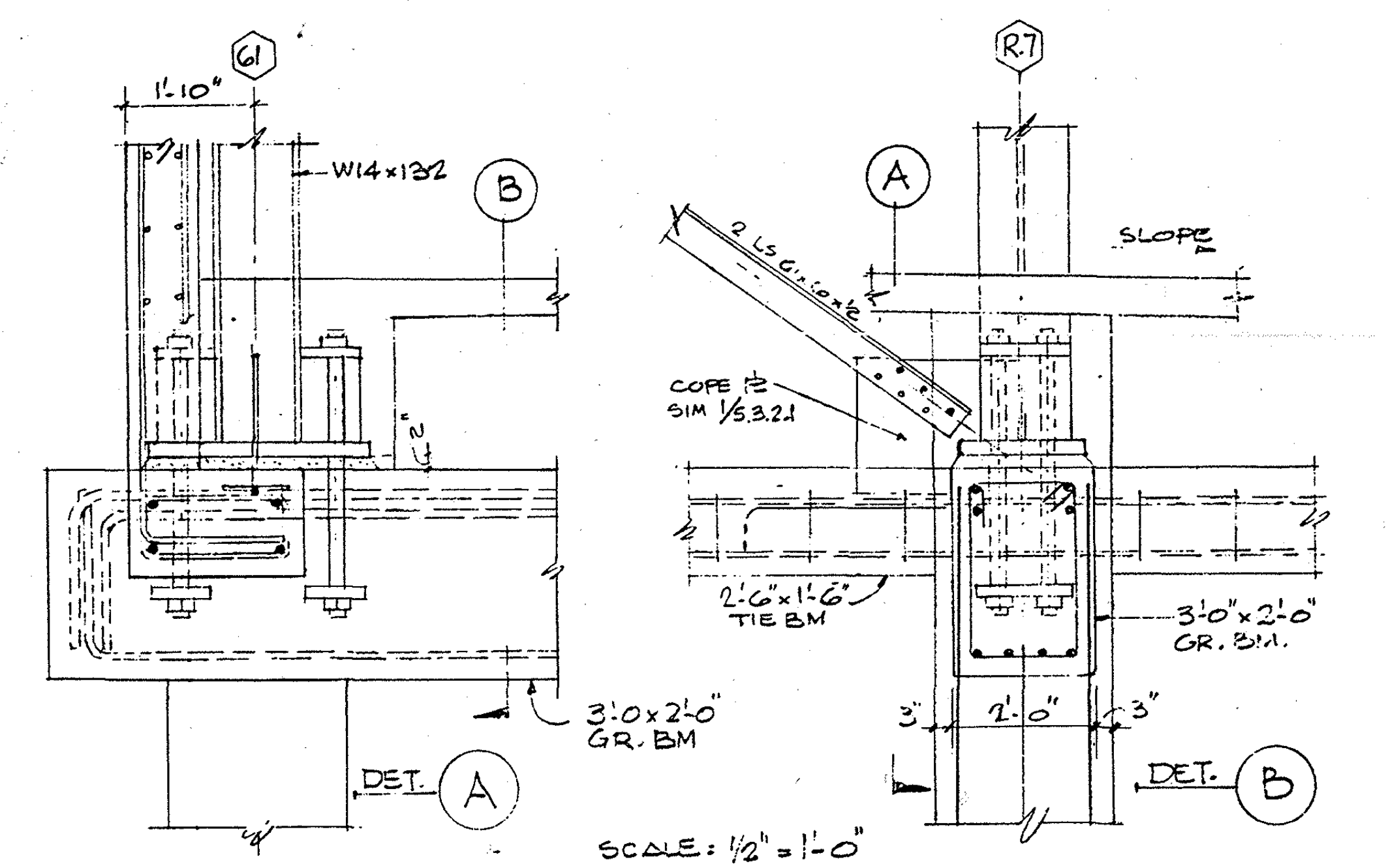
PARTIAL PLAN - ARRIVAL LEVEL | 11-23-82 | SS-41


FIN. FLOOR
TYP. GR. BM. REINF.
FULL PEN. WELD TO COL. OR TO COL. STIFFENER
#4 STIRRUPS @ 6" O.C. OVER FOOTING
ELEVATOR PIT
6-#8
#5 @ 12" O.C. EA. WAY
SECTION (A) SCALE: 3/8"=1'-0"
ELEVATION SCALE: 1/4"=1'-0"

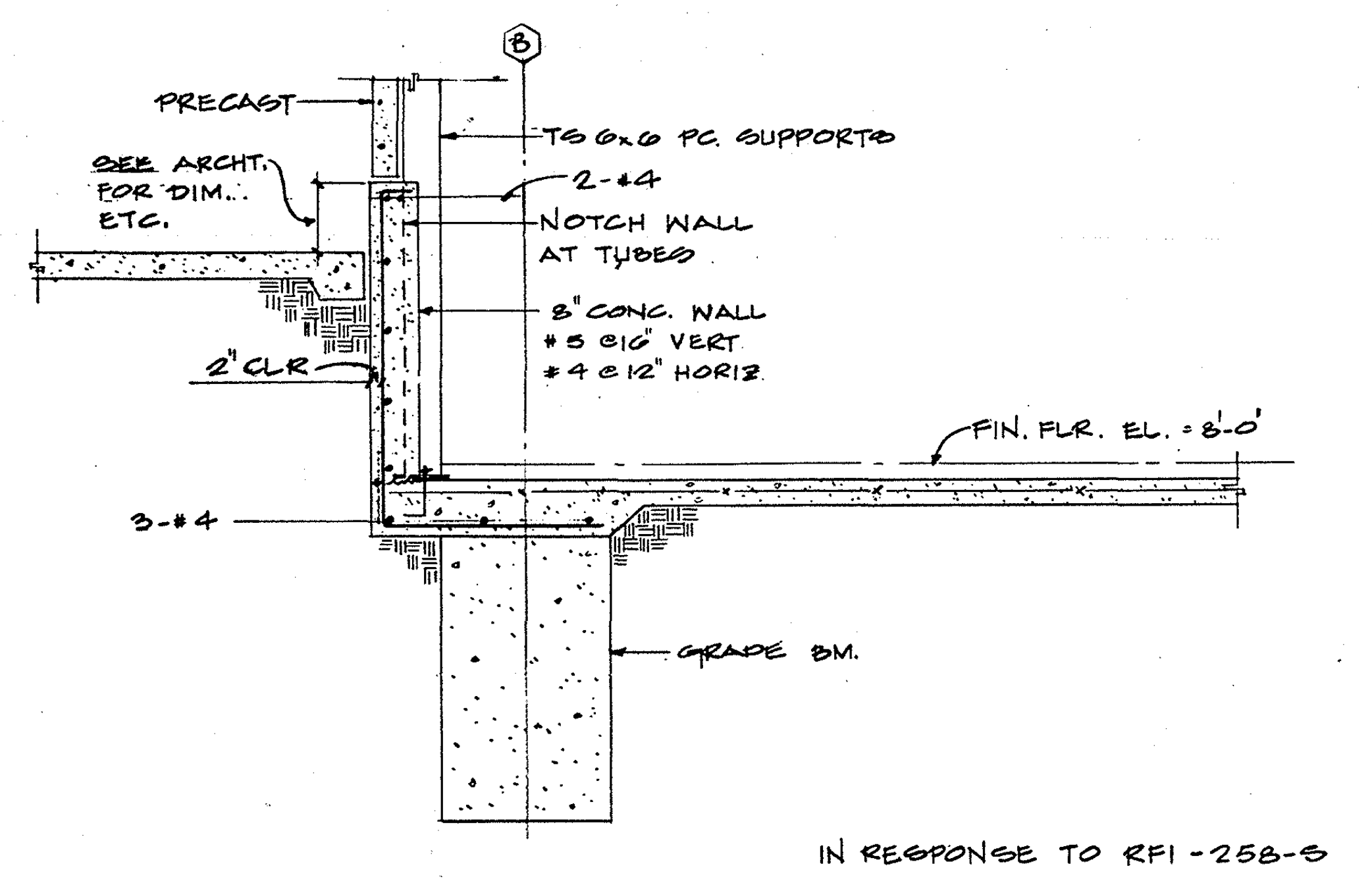
PARTIAL ELEVATION - LINE (R) | 11-22-82 | SS-40



REVISED RECTANGULAR FOOTINGS (L)(P) & (O) ON LINE (R) | 11-22-82 | SS-39

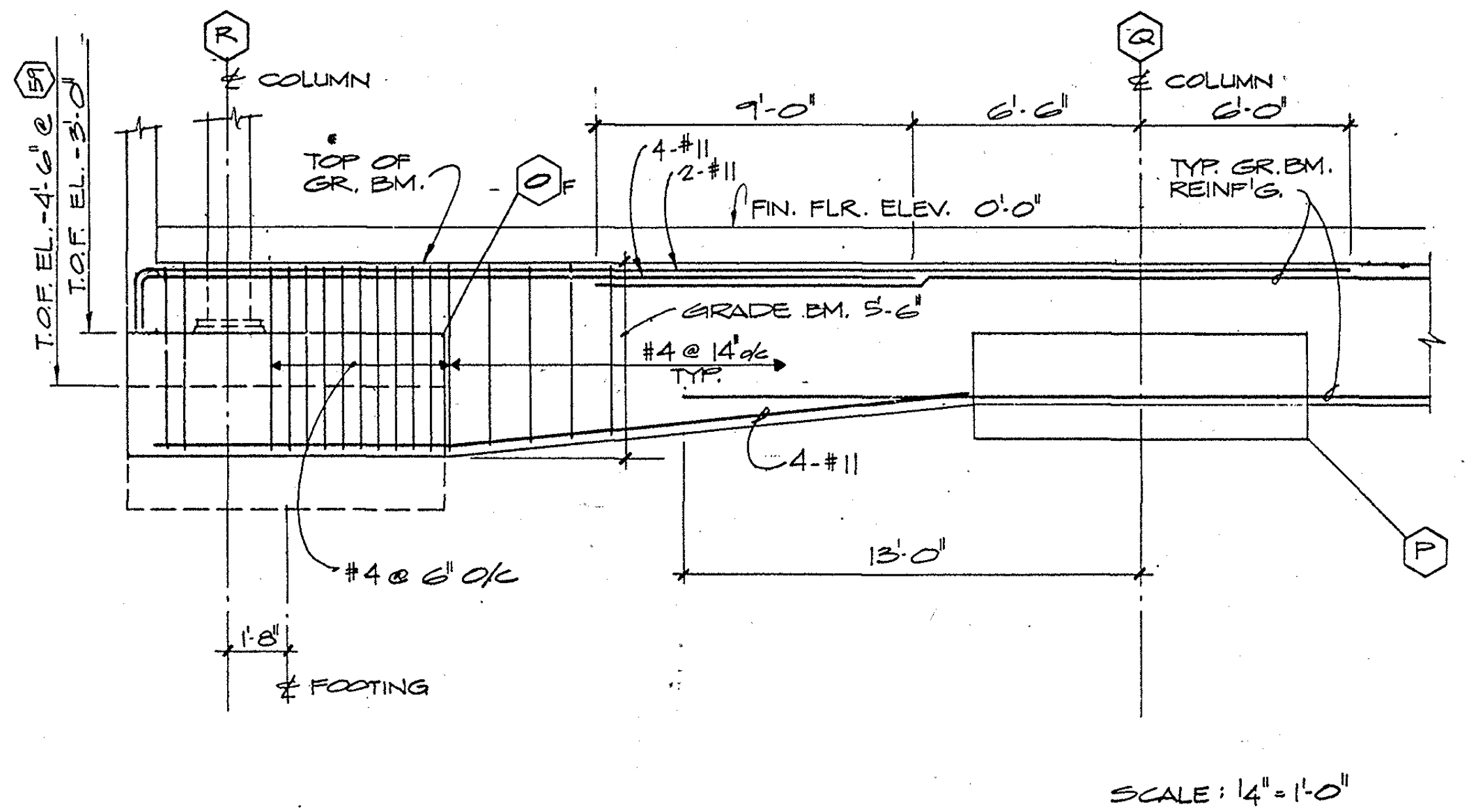


GRADE BM - TIE BM INTERSECTION | 11-15-82 | SS-38



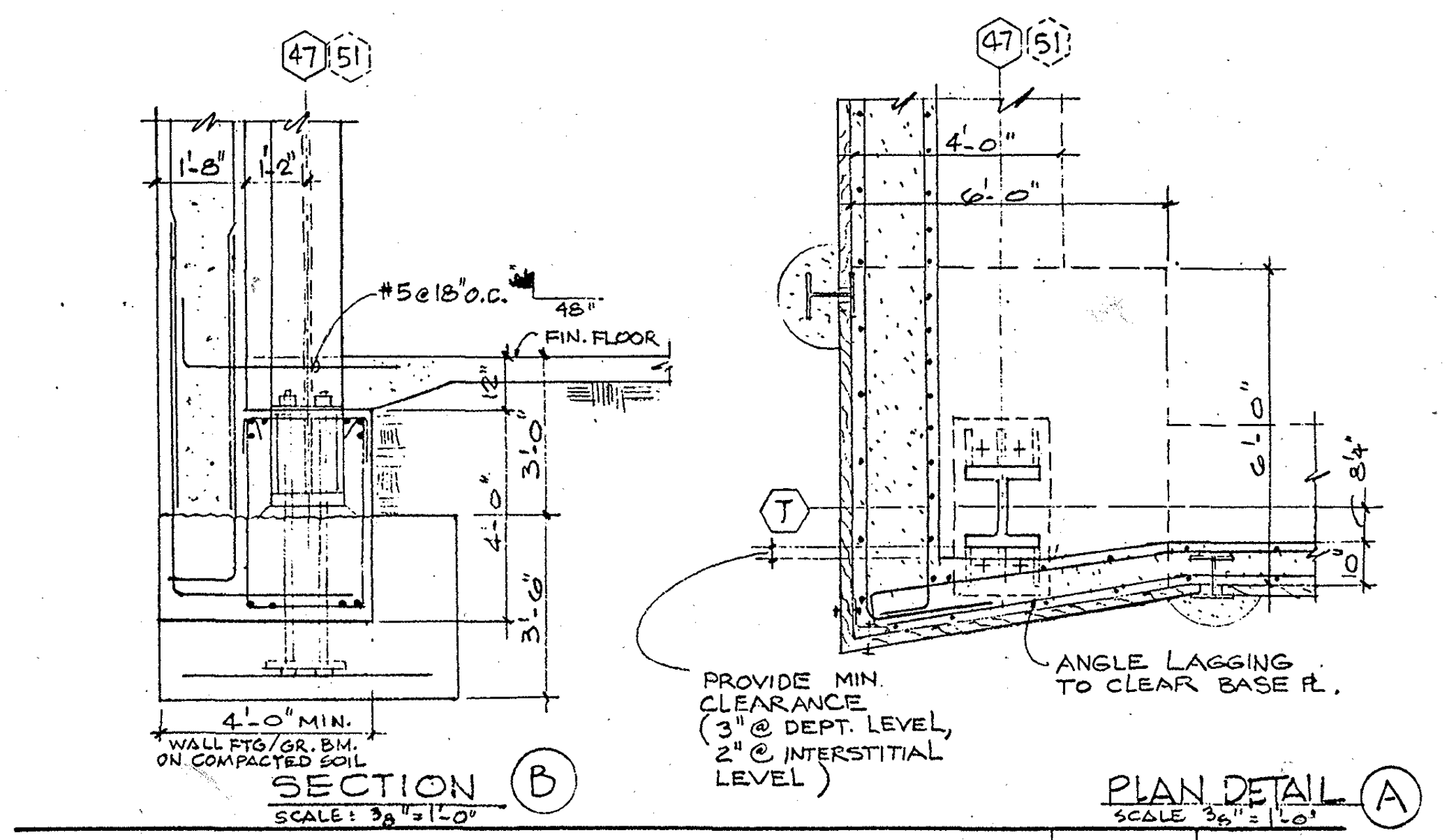
IN RESPONSE TO RFI-258-S

FOUNDATION WALL AT LINE B | DEC. 1, '82 | SS-45

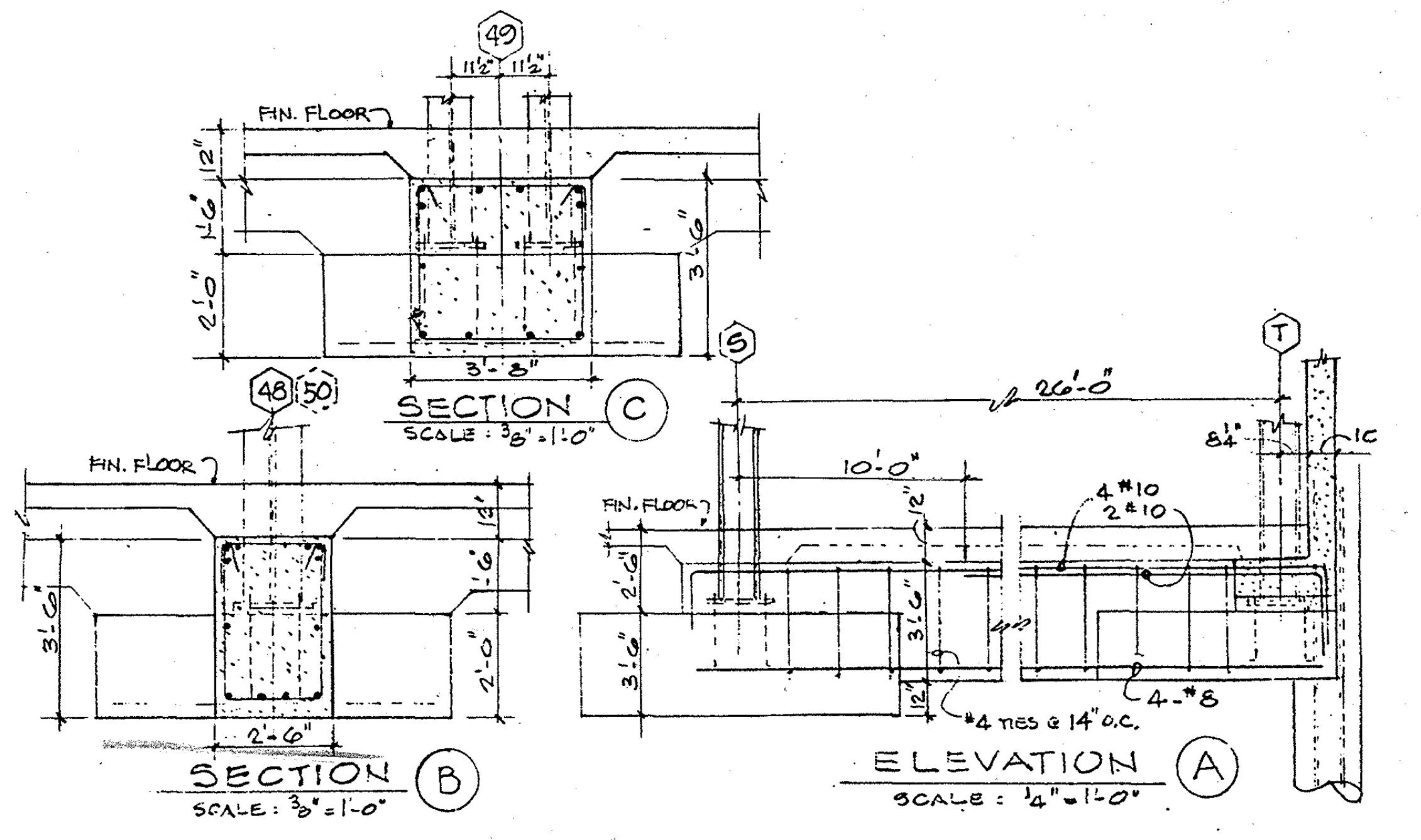


SCALE: 1/4"=1'-0"

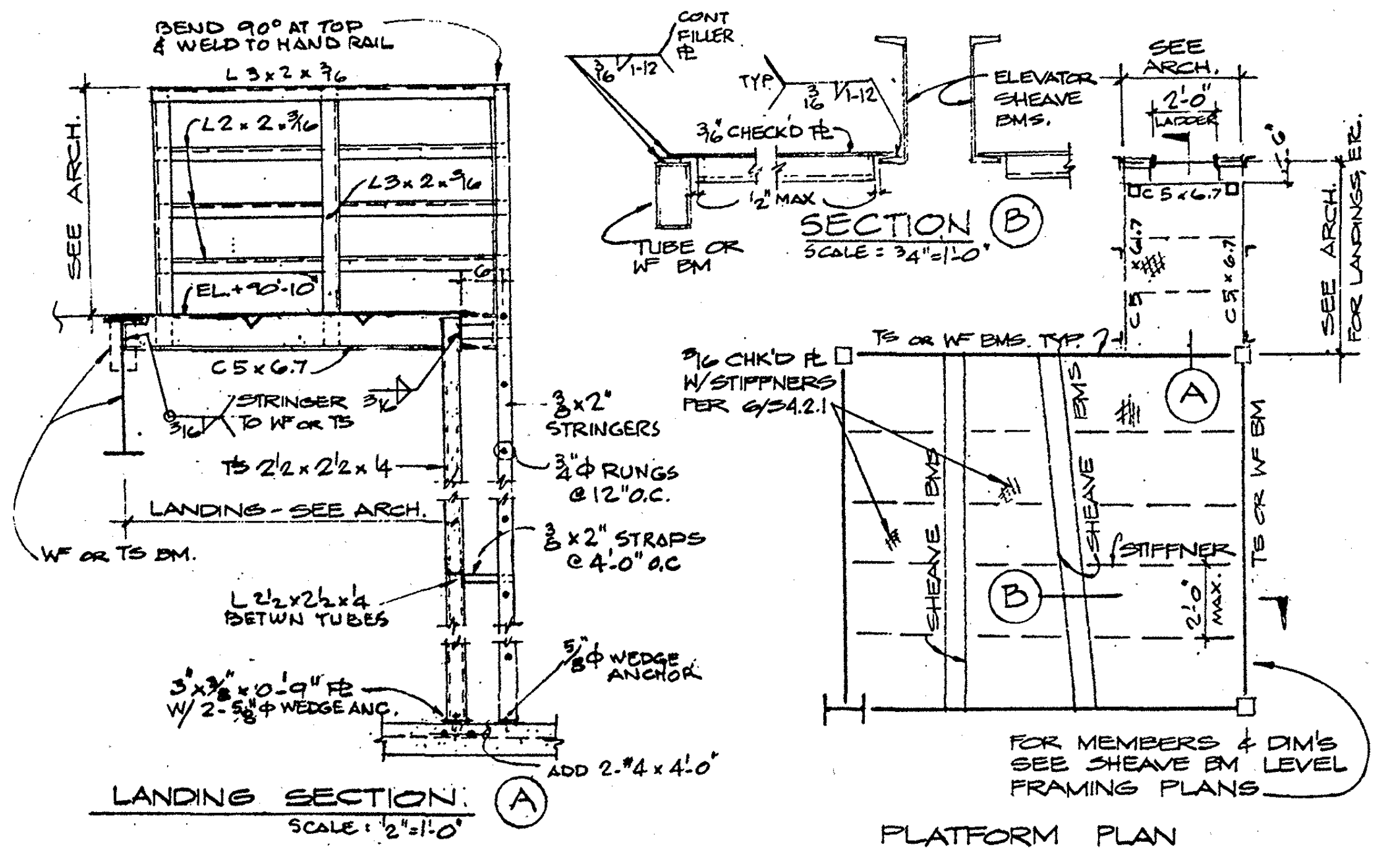
ELEVATION AT LINES (59) & (57) | 11-23-82 | SS-44


#5 @ 18" O.C.
FIN. FLOOR
4'-0" MIN.
WALL FTG./GR. BM. ON COMPACTED SOIL
SECTION (B) SCALE: 3/8"=1'-0"
PROVIDE MIN. CLEARANCE (3" @ DEPT. LEVEL, 2" @ INTERSTITIAL LEVEL)
ANGLE LAGGING TO CLEAR BASE PL.
PLAN DETAIL (A) SCALE: 3/8"=1'-0"

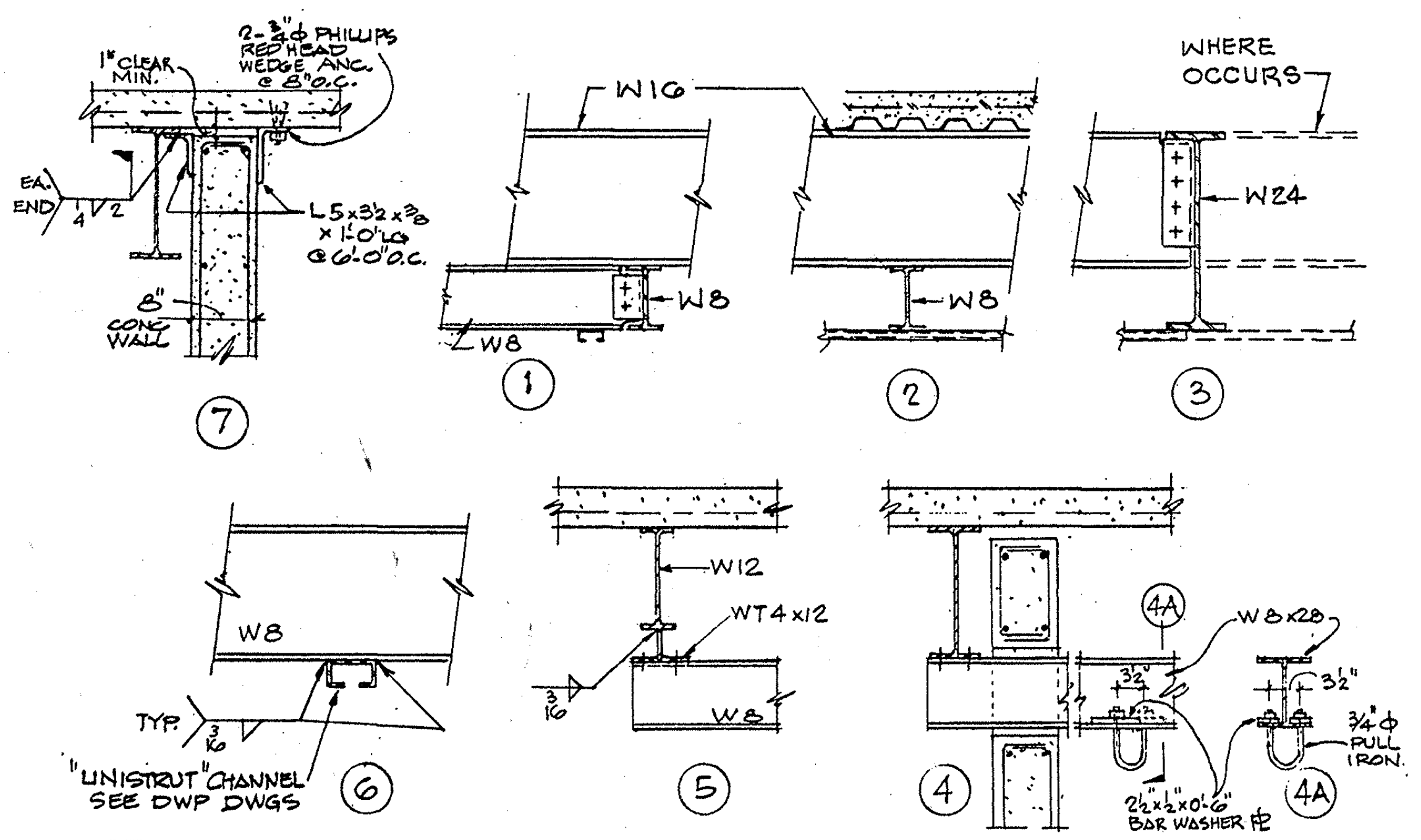
FOUNDATION SECTION LINE 47 & PLAN DETAIL | 11-23-82 | SS-43


FIN. FLOOR
SECTION (C) SCALE: 3/8"=1'-0"
FIN. FLOOR
26'-0"
10'-0"
2-#10
2-#10
4-#8
#4 TIES @ 14" O.C.
SECTION (B) SCALE: 3/8"=1'-0"
ELEVATION (A) SCALE: 1/4"=1'-0"

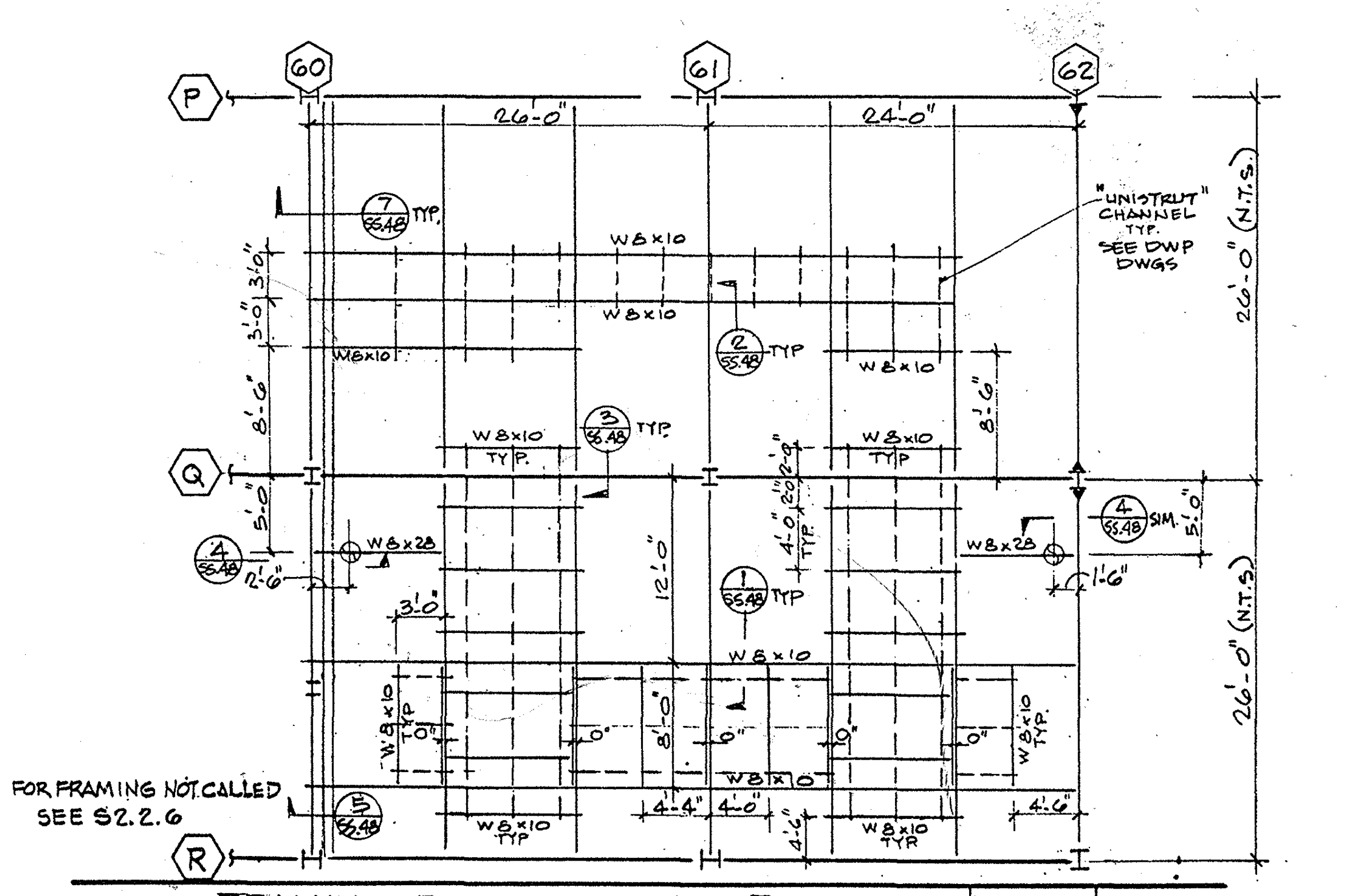
STRAP BEAM ELEVATION & SECTIONS | 11-23-82 | SS-42


BEND 90° AT TOP & WELD TO HAND RAIL
L2x2x3/16
SEE ARCH.
EL.+90'-10"
C5x6.7
STRINGER
TS 2 1/2x2 1/2x1/4
LANDING - SEE ARCH.
W" OR TS BM.
L 2 1/2x2 1/2x1/4 BETWN TUBES
3/4" CHK'D PL
TUBE OR W" BM
SECTION (B) SCALE: 3/4"=1'-0"
ELEVATOR SHEAVE BMS.
SEE ARCH.
3/8" CHK'D PL W/ STIFFENERS PER 6/S4.2.1
3/8"x2" STRINGERS
3/8" Ø RUNGS @ 12" O.C.
3/8"x2" STRAPS @ 4'-0" O.C.
STIFFENER
5/8" Ø WEDGE ANCHOR
FOR MEMBERS & DIM'S SEE SHEAVE BM LEVEL FRAMING PLANS
ADD 2-#4x4'-0"
LANDING SECTION (A) SCALE: 3/4"=1'-0"
PLATFORM PLAN SCALE: 1/4"=1'-0"

GOVERNOR PLATFORM DETAILS | 12-16-82 | SS-49

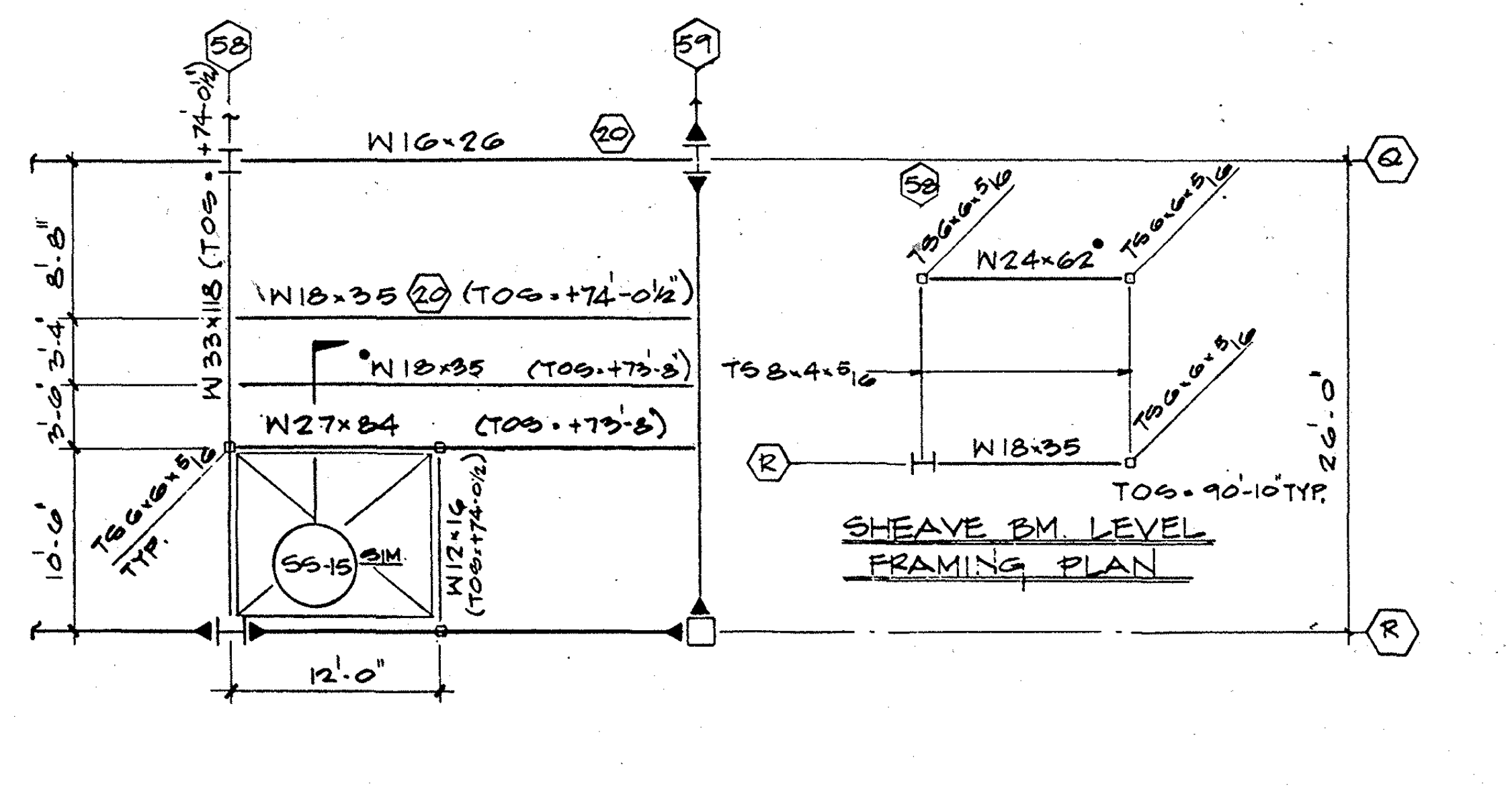


FRAMING FOR DWP REQUIREMENTS INTERSTITIAL LEVEL — DETAILS | 2-4-83 | SS-48



FOR FRAMING NOT CALLED SEE S2.2.6

FRAMING FOR DWP REQUIREMENTS INTERSTITIAL LEVEL — PLAN | 2-4-83 | SS-47



NOTE: • INDICATES ADDED OR REVISED MEMBER ARCH. TO VERIFY DIMS. ETC.

PARTIAL - LOWER MECH. FLOOR FRAMING PLAN SCALE: 1/16"=1'-0"

ELEVATOR No. 15 FRAMING | 12-2-82 | SS-46

1	3-21-85	AS BUILT CORRECTION

BRANDOW & JOHNSTON ASSOCIATES
BENITO A. SINCLAIR & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

Architect of Record
Project Architect
Date
Engineer
Date

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A JOINT VENTURE

City of Los Angeles
Department of Airports
Date

West Terminal
Los Angeles International Airport

Project
Drawing Title: MISC. SECTIONS & DETAILS
Department of Airports Drawing No.

Designed by
Drawn by
Chief Architect
PDSW Project No. 79000

Drawing No. S7.1.3
Sheet of Sheets